



TÜRKİYE CÜMHURİYETİ  
KÜLTÜR BAKANLIĞI

# İSTANBUL KANDİLLİ RASATHANESİ

1936

(İkinci kânun, Şubat, Mart)

Meteoroloji, Sismoloji ve  
Miknatis Rasatları

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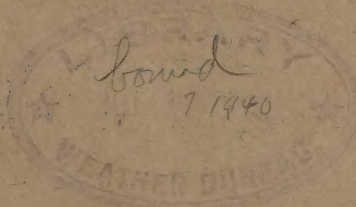
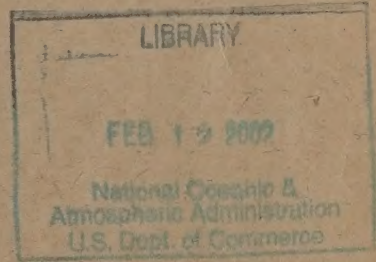
*Bulletin Météorologique, Séismique et  
Magnétique*

de

L'Observatoire d'Istanbul - Kandilli

I<sup>ier</sup> trimestre de l'année

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İSTANBUL  
DEVLET BASIMEVİ





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## Üçüncü yıl

Bu yılki mecmuanın tertip ve intizamına daha ziyade itina edilmiş ve miknatis rasatları da ilâve edilerek zenginleştirilmiştir. Mukayyit merkezimiz henüz tesis edilmemiş olduğundan bizzat âletlerle tayin etmiş olduğumuz günlük inhiraf ve haftalık şiddet ve meyil miktarları konulmuştur. Mukayyit merkezimiz gelecek sene tesis edilebileceğinden bu seneki miknatis neşriyatımız bu suretle devam edecektir.

F. G.

| Gün | Miktarı | Zaman ve müddeti |         | Vasatî şiddeti | Azamî şiddeti | Azamî şiddetin müddet ve zamanı |         |
|-----|---------|------------------|---------|----------------|---------------|---------------------------------|---------|
|     | m. m.   | h/m ilâ h/m      |         | mm / mtn.      | mm / mtn.     | h/m ilâ h/m                     |         |
| 19  | 7.9     | 7/00             | — 11/00 | 0.03           | 0.08          | 10/50                           | — 11/35 |
| 24  | 10.6    | 3/15             | — 4/30  | 0.14           | 0.37          | 3/15                            | — 3/30  |
| 29  | 7.6     | 23/00            | — 4/00  | 0.03           | 0.08          | 2/20                            | — 2/40  |
| 30  |         |                  |         |                |               |                                 |         |

**Fırtınalı günler: (\*)**

| Gün | Devam fasılası<br>h/m h/m | Azami sür'atı<br>m/s | Ciheti  |
|-----|---------------------------|----------------------|---------|
| 23  | 10/00 —                   | 20                   | SSW — N |
| 24  | — 3/30                    |                      |         |
| 27  | 13/00 — 16/30             | 14                   | SW      |
| 28  | 20/00 — 21/00             | 21                   | SWW     |
| 31  | 7/00 — 10/30              | 15                   | E       |

**Toprağın hararet derecesi** — 5, 10, 20 santimetre derinlikdekiler günün tahavvülüne tabi olarak değişmişlerdir. 50 santimetredeki çok az tahavvül etmiştir. Bir metredek birinci gün 11°.1 iken mevsim seyrine tâbi olarak gittikçe azalmış ve 17 nci gün 10°.5 olarak asgariden geçmiş ve ay sonunda yine 11°.1 olmuştur. İki metre derinlikteki mevsim gidişine uyarak ay başında 13°.4 iken ay sonunda 12°.7 olmak üzere çok az tenezzül etmiştir.

**ŞUBAT**

**Tazyik** — Üçüncü güne kadar 752 ile 757 mm. arasında devam eden barometre 4 üncü gün düşmeğe başlamış ve saat 13/15 ile 13/55 arasında 745.3 mm. olmak üzere bir asgariden geçmiş, 5 inci gün 750 mm. yı bulmuştur. Bundan sonra yavaş yavaş yükselerek 9 uncu gün 758.8 mm. ye çıkmışsada tekrar düşmeğe başlamış ve 11 inci gün saat 21/10 da (740.7) mm. olmak üzere ayın mutlak asgarisinden geçmiş ve 13 üncü gün 764 mm. ye çıkmıştır. 14 üncü gün 760 ile 762 mm. arasında devam ederek 15 inci gün akşamı 764.5 mm. olduktan sonra yavaş yavaş düşerek 18 inci gün 754 mm. olmak üzere bir asgariden geçmiş, 19 uncu gün akşamı 763 mm. ye kadar yükseldikten sonra yine inmiş, 20 inci gün akşamı 756.1 mm. olmuştur. Bundan sonra yavaş yavaş yükselerek 22 inci gün akşamı 766.5 mm. olmak üzere bir azamiden geçmiş ve tedricen düşerek 25 inci gün saat 7 de 751.5 mm. olmak üzere bir asgariden geçmiş ve 27 inci gün saat 12/10 de (767.2) mm. olmak üzere ayın mutlak azamisini yapmıştır. 28 inci gün 755.5 mm. ye kadar düştükten sonra 29 uncu gün akşamına kadar bu civarda seyretmiştir. Nihai udul 26.5 mm. dir. Bu ayın vasatısı 757.2 mm. olup nâzımı (normal) (763.2 mm.) den 6.0 mm. eksikdir. 25 yıllık rasatlarda bu ay için vasatilerin azamisi 1920 de 768.3 mm., asgarisi de 1924 de 758.7 mm. dir.

**Hararet derecesi** — Bu ayın mutlak azamisi 4 üncü gün saat 12/30 de 18°.8, mutlak asgarisi de 13 üncü gün saat 5/15 te -6°.9 dirki nihai udul 25°.7 dir. Bu ayın vasatısı 7°.2 olup nâzımı (normal) (4°.6) den 2°.6 fazladır. Bu ayın azamiler vasatısı 10°.1 olup nâzımı (7°.5) den 2°.6 fazladır. asgariler vasatısı de 4°.3 olup nâzımı (2°.0) den 2°.3 fazladır. 25 yıllık rasatlarda bu ay için mutlak azamî olarak 1925 yılı 23 üncü gün 20°.6 ve mutlak asgarî olarak ta 1929 yılı 9 uncu gün -13°.0 kayıt edilmiştir.

**Nisbî rutubet** — Bu ayın asgarî rutubeti 13 üncü gün saat 17/15 te % 23 tır. Aylık vasatısı % 79 olup nazımı (normal) (% 78) den % 1 fazladır. 25 yıllık rasatlarda bu aydaki vasatilerin azamisi 1931 yılı % 87, asgarisi de 1925 yılı % 61 dir.

**Teressübat** — Bir gün karlı 18 gün yağmurlu olmak üzere 19 gün yağışlı geçmiştir. teressübat yekûnu 200.1 mm. olup nazımı (normal) (73.1 mm.) den 127.0 mm. fazladır. 1914, 1925 ve 1926 yıllarında sırasıile 4.0, 11.1 ve 19.1 mm. olmak üzere az yağışlı şubat aylarına tesadüf edilmiştir. 1932, 1931 ve 1933 yıllarında de sırasıil 137.0 136.3 ve 103.7 mm. olmak üzere çok yağışlı şubat ayları görülmüştür. 25 senelik yağışlar içinde bu senenin çok ehmiyetli olduğu meydandadır.

(\*) Rüzgârın süratı 13 metreyi tecavüz ederse o gün fırtınalı gün itibar edilmiştir.

## Şiddetli ve sürekli yağışlar

| Gün | Miktar | Zaman ve müddeti |         | Vasatî şiddeti | Azamî şiddeti | Azamî şiddetin müddet ve zaman |
|-----|--------|------------------|---------|----------------|---------------|--------------------------------|
|     | m. m.  | h/m ilâ h/m      |         | mm / min.      | mm / min.     | h/m ilâ h/m                    |
| 4   | 7.4    | 14/00            | — 17/30 | 0.03           | 0.03          | 17/10 — 17/30                  |
| 6   | 8.0    | 19/15            | — 23/00 | 0.04           | 0.08          | 21/10 — 21/20                  |
| 8   | 88.0   | 00/00            | —       | 0.04           | 0.30          | 4/10 — 4/15                    |
| 9   |        |                  | 12/00   |                |               |                                |
| 11  | 18.0   | 13/30            | — 22/45 | 0.03           | 0.07          | 15/50 — 16/40                  |
| 18  | 17.7   | 14/15            | — 21/15 | 0.04           | 0.15          | 15/40 — 16/00                  |
| 20  | 7.8    | 19/20            | —       | 0.02           | 0.07          | 21/10 — 21/30                  |
| 21  |        |                  | 2/00    |                |               |                                |

### Fırtınalı günler: (\*)

| Gün   | Devam fasılası |         | Azamî süratı<br>m/s | Ciheti |
|-------|----------------|---------|---------------------|--------|
|       | h/m            | h/m     |                     |        |
| 2     | 21/00          | — 23/00 | 18                  | SW     |
| 3     | 1/00           | — 15/00 | 14                  | SSW    |
| 4     | 10/00          | — 12/00 | 16                  | SE     |
|       | 13/45          | — 15/15 | 13                  | SW     |
|       | 23/45          | — 24/30 | 15                  | S      |
| 5     | 22/30          | — 24/30 | 13                  | S      |
| 9     | 3/15           | — 7/30  | 17                  | NW     |
| 11    | 22/15          | — /     | 28                  | NW     |
| 12    | /              | — 18/00 |                     |        |
| 14    | 3/30           | — 10/00 | 15                  | SW     |
| 28    | 16/00          | — 18/00 | 15                  | SSE    |
| 28/29 | 21/45          | — 1/15  | 14                  | SSE    |

**Toprağın hararet derecesi** — 5, 10, 20 cm. derinlikdekiler günün tahavvülüne tâbi olarak değişmişlerdir. 50 cm. derinlikteki bazı intizamsızlıklar göstermiştir. 1 metre derinlikteki mevsim gidişine uyarak tenezzül etmiş 17 ve 18 inci günler 9°.1 olarak mevsimin asgarisinden geçmiş ve ay sonunda 9°.6 olmuştur. İki metre derinlikteki mevsim gidişine uyarak tenezzülüne devam etmiş ve ayın 26 ıncı günü 11°.4 olmuşdürki mevsimin asgari kıymetidir. Bu kıymeti ay sonuna kadar muhafaza etmiştir.

## MART

**Tazyik** — 755 ile 758 mm. arasında yürüyen barometre 2 nci gün öğleden sonra yükselmeğe başlamış, 4 üncü gün 9/45 te 770.2 mm. olmuştur. Bundan sonra düşerek 6 ıncı gün saat 20/15 de (752.2) mm. olmak üzere ayın mutlak asgarisinden geçmiş ve yavaş yavaş yükselerek 9 uncu gün 766 mm. ye kadar çıkmış ve 12 inci gün öğleye kadar 763.5 ile 766 mm. arasında hemen hemen gayri mütehavvil denecek derecede muntazam devam etmiştir. Bundan sonra yavaş yavaş düşerek 14 üncü gün saat 21/20 de 755.8 mm. olmak üzere bir asgariden geçmiş, 15 inci gün akşamı 762 mm. olmuş ve 19 uncu gün sabahına

(\*) Rüzgârın sürati 13 metreyi tecavüz ederse o gün fırtınalı gün itibar olunur.

kadar 760.5 ile 763 mm. arasında seyr etmiştir. Bundan sonra tedricen yükselerek 21 inci gün saat 21 de (771.8) mm. olmuşturki bu aynı zamanda ayın mutlak azamisinden ibarettir. 22 inci günden itibaren batı olarak düşmeğe başlamış ve 28 sabahı 755 mm. olmuştur. Bundan sonra yine yükselmeğe başlamış 29 uncu gün 766 mm. olmuştur. Nihai udul 19.6 mm. dir. Bu ayın vasatısı 762.5 mm. olup nâzımı (normal) (762.5) ye musavidir. 25 yıllık rasatlarda bu aydaki vasatilerin azamisi 1921 de 767.2 asgarisi de 1917 de 759.1 mm. dir.

**Hararet derecesi** — Bu ayın mutlak azamisi 26 ıncı gün saat 12/00 da (20°.6), mutlak asgarisi de 10 uncu gün saat 5/00 de (2°.5) dirki nihai udul 18°.1 dir. Bu ayın vasatısı 9°.8 olup nâzımı (7°.6) dan 2°.2 fazladır. Bu ayın azamiler vasatısı 13°.8 dir ki nâzımı (11°.5) ten 2°.3 fazladır. Asgariler vasatısı de 6°.5 dir ki nâzımı (4°.5) ten 2°.0 fazladır. 25 yıllık rasatlarda bu ay için mutlak azamî olarak 1930 yılı 20 ncı gün 27°.0 ve mutlak asgarî olarak 1929 yılı 4 üncü gün —7°.3 görülmüştür.

**Nisbî rutubet** — Bu ayın asgarî rutubeti 13 üncü gün saat 19 ile 20/30 arasında % 27 dir. Bu ayın vasatısı % 72 olup nâzımı (% 74) ten % 2 fazladır. 25 yıllık rasatlarda bu aydaki vasatilerin azamisi 1916 ve 1926 da % 81, asgarisi de 1922 de % 62 dir.

**Teressübat** — Cetvelinde 9 gün yağmurlu görülyürsada bunun üç günü çok ehemmiyetsizdir. teressübat yekûnu 23.7 mm. olup nazımı (44.6) mm. den 20.9 mm. eksiktir. 1924, 1927 ve 1918 yıllarında sirasile 8.2, 10.8 ve 12.3 mm. olmak üzere az yağmurlu mart aylarına tesaduf edilmiştir. 1929, 1925 ve 1932 yıllarında da sirasile 100.5, 96.9 ve 83.7 mm. olmak üzere çok yağmurlu mart ayları görülmüştür.

### Şiddetli ve sürekli yağışlar

| Gün | Miktarı | Zaman ve müddeti |         | Vasatî şiddeti | Azamî şiddeti | Azamî şiddetin müddet ve zaman |         |
|-----|---------|------------------|---------|----------------|---------------|--------------------------------|---------|
|     | m. m.   | h/m ilâ h/m      |         | mm / min.      | mm / min.     | h/m ilâ h/m                    |         |
| 18  | 3.6     | 7/15             | — 10/15 | 0.02           | 0.08          | 7/40                           | — 8/00  |
|     | 8.0     | 16/50            | — 19/30 | 0.05           | 0.14          | 17/45                          | — 18/00 |
|     | 4.6     | 21/55            | — 22/45 | 0.09           | 0.50          | 21/57                          | — 22/03 |

### Fırtınalı günler: (\*)

| Gün   | Devamı faslası | Azamî sürat<br>m/s | Ciheti |
|-------|----------------|--------------------|--------|
| 14    | 21/00 — 21/45  | 15                 | SSE    |
| 28-29 | 21/00 — 18/00  | 14                 | NE     |
| 30    | 4/00 — 15/00   | 14                 | NE     |

**Toprağın hararet derecesi** — 20, 10, 5 cm. derinliktekiler günün tahavvülüne tâbi olarak değişmişlerdir. 50 cm. derinlikteki her ayda olduğu gibi hem gün tahavvülüne hem mevsim seyrine oarak bazı intizamsızlıklar göstermiştir. 1 ve 2 metredekiler tamamen mevsim gidişine uymuşlar her ikisinde tedricen yükselmişlerdir. Bir metredeki 1 inci gün 9°.8 iken ay sonunda 11°.8 olmuştur. 2 metre deki da 11°.4 iken 12°.0 olmuştur.

(\*) Rüzgârın sür'atı 13 metreyi tecavüz ederse o gün fırtınalı itibar olunur.



| Tarih — Date | Barometre<br>(O° ye ve S. V. B.)<br>700 mm + ... |      |      |              | Hararet derecesi C°<br>Température |      |      |              |            |            | Buhar tevettürü<br>Tension de la vap.<br>mm. |      |      |              | Rutubeti<br>nisbiye %<br>Humidité relat |     |     |              | Aktiom.<br>C°  |               | Güneşte azami<br>Max. nair | Tegemmüs<br>Insolation |
|--------------|--------------------------------------------------|------|------|--------------|------------------------------------|------|------|--------------|------------|------------|----------------------------------------------|------|------|--------------|-----------------------------------------|-----|-----|--------------|----------------|---------------|----------------------------|------------------------|
|              | 7                                                | 14   | 21   | Vas.<br>Moy. | 7                                  | 14   | 21   | Vas.<br>Moy. | Az.<br>Max | As.<br>Min | 7                                            | 14   | 21   | Vas.<br>Moy. | 7                                       | 14  | 21  | Vas.<br>Moy. | Beyaz<br>Blanc | Siyah<br>Noir |                            |                        |
|              | 7                                                | 14   | 21   | Vas.<br>Moy. | 7                                  | 14   | 21   | Vas.<br>Moy. | Az.<br>Max | As.<br>Min | 7                                            | 14   | 21   | Vas.<br>Moy. | 7                                       | 14  | 21  | Vas.<br>Moy. | Beyaz<br>Blanc | Siyah<br>Noir |                            |                        |
| 1            | 65.3                                             | 64.1 | 64.0 | 64.5         | 4.9                                | 9.8  | 5.3  | 6.7          | 11.1       | 2.5        | 4.55                                         | 6.28 | 5.52 | 5.43         | 70                                      | 69  | 82  | 74           | 15.6           | 19.5          | 34.9                       | 4.7                    |
| 2            | 62.9                                             | 62.8 | 63.3 | 63.0         | 3.5                                | 8.4  | 5.7  | 5.9          | 9.7        | 2.5        | 5.88                                         | 6.44 | 5.39 | 5.90         | 100                                     | 78  | 78  | 85           | 17.4           | 22.4          | 37.8                       | 4.0                    |
| 3            | 63.1                                             | 62.0 | 61.7 | 62.3         | 4.4                                | 10.7 | 5.5  | 6.9          | 10.7       | 2.9        | 6.26                                         | 5.64 | 5.61 | 5.84         | 100                                     | 58  | 82  | 80           | 20.4           | 21.2          | 36.5                       | 3.6                    |
| 4            | 59.7                                             | 58.5 | 59.1 | 59.1         | 4.8                                | 12.7 | 8.4  | 8.6          | 13.6       | 4.0        | 4.41                                         | 6.04 | 4.87 | 5.09         | 69                                      | 55  | 58  | 61           | 34.4           | 26.0          | 37.0                       | 9.1                    |
| 5            | 58.6                                             | 57.8 | 58.1 | 58.2         | 8.7                                | 11.3 | 8.9  | 9.6          | 12.7       | 7.1        | 5.61                                         | 6.41 | 6.59 | 6.20         | 66                                      | 64  | 77  | 69           | 19.3           | 24.4          | 70.9                       | 2.6                    |
| 6            | 59.3                                             | 60.7 | 63.3 | 61.1         | 8.3                                | 9.0  | 7.7  | 8.3          | 9.5        | 7.2        | 7.61                                         | 7.20 | 7.30 | 7.37         | 95                                      | 84  | 93  | 91           | 11.2           | 12.3          | 24.2                       | 0.4                    |
| 7            | 65.2                                             | 65.4 | 66.2 | 65.6         | 6.5                                | 9.3  | 6.3  | 7.4          | 10.5       | 6.0        | 6.38                                         | 6.25 | 6.18 | 6.27         | 88                                      | 71  | 86  | 82           | 21.9           | 29.6          | 41.2                       | 4.9                    |
| 8            | 66.7                                             | 66.8 | 66.7 | 66.7         | 7.1                                | 10.3 | 9.8  | 9.1          | 12.0       | 6.2        | 6.56                                         | 6.66 | 7.07 | 6.76         | 87                                      | 71  | 78  | 79           | 14.8           | 17.2          | 38.2                       | 4.1                    |
| 9            | 65.9                                             | 66.3 | 66.8 | 66.3         | 10.2                               | 11.5 | 8.8  | 10.2         | 11.7       | 7.8        | 7.06                                         | 8.17 | 8.35 | 7.86         | 75                                      | 81  | 99  | 85           | 15.8           | 18.4          | 23.3                       | 1.6                    |
| 10           | 67.4                                             | 67.4 | 67.3 | 67.4         | 7.1                                | 7.5  | 6.4  | 7.0          | 8.3        | 6.2        | 7.55                                         | 7.76 | 7.19 | 7.50         | 100                                     | 100 | 100 | 100          | 9.9            | 11.0          | 15.8                       | 0.0                    |
| 1 inci onluk | 63.4                                             | 63.2 | 63.7 | 63.42        | 6.6                                | 10.1 | 7.3  | 8.0          | 11.0       | 5.2        | 6.19                                         | 6.69 | 6.40 | 6.42         | 85                                      | 73  | 83  | 81           | 18.1           | 20.2          | 33.0                       | 35.0                   |
| 11           | 64.8                                             | 62.1 | 61.4 | 62.8         | 6.7                                | 9.3  | 10.6 | 8.9          | 10.8       | 5.9        | 7.23                                         | 7.83 | 8.70 | 7.92         | 99                                      | 89  | 91  | 93           | 13.2           | 15.2          | 39.0                       | 0.0                    |
| 12           | 61.7                                             | 62.0 | 61.4 | 61.7         | 8.6                                | 11.9 | 10.9 | 10.5         | 11.9       | 7.8        | 7.55                                         | 8.66 | 7.69 | 7.97         | 91                                      | 84  | 79  | 85           | 20.6           | 20.4          | 32.0                       | 3.2                    |
| 13           | 63.9                                             | 64.1 | 65.7 | 64.6         | 7.7                                | 8.0  | 2.9  | 6.2          | 9.2        | 2.6        | 5.77                                         | 6.02 | 5.44 | 5.74         | 73                                      | 75  | 97  | 82           | 11.2           | 12.8          | 32.0                       | 0.7                    |
| 14           | 65.2                                             | 64.0 | 63.4 | 64.2         | 2.2                                | 7.5  | 7.0  | 5.6          | 8.2        | 1.1        | 5.17                                         | 5.89 | 6.52 | 5.86         | 96                                      | 76  | 87  | 86           | 22.2           | 30.8          | 35.8                       | 8.8                    |
| 15           | 64.1                                             | 66.3 | 66.7 | 65.7         | 6.8                                | 5.5  | 4.8  | 5.7          | 7.8        | 4.7        | 6.53                                         | 6.33 | 6.02 | 6.29         | 88                                      | 97  | 93  | 93           | 7.2            | 8.2           | 10.7                       | 0.0                    |
| 16           | 66.9                                             | 65.7 | 64.6 | 65.7         | 6.1                                | 9.1  | 6.9  | 7.4          | 9.1        | 4.7        | 6.40                                         | 7.26 | 6.78 | 6.81         | 91                                      | 84  | 91  | 89           | 13.2           | 15.6          | 17.5                       | 0.0                    |
| 17           | 60.6                                             | 58.6 | 59.0 | 59.4         | 8.4                                | 16.8 | 9.9  | 11.7         | 16.8       | 5.9        | 6.78                                         | 8.15 | 7.59 | 7.51         | 82                                      | 56  | 83  | 74           | 29.6           | 38.0          | 41.3                       | 2.9                    |
| 18           | 58.7                                             | 58.5 | 58.6 | 58.6         | 10.7                               | 12.9 | 11.6 | 11.7         | 14.2       | 8.8        | 6.65                                         | 7.70 | 7.52 | 7.29         | 69                                      | 69  | 73  | 70           | 17.2           | 19.6          | 43.0                       | 3.4                    |
| 19           | 59.5                                             | 60.4 | 62.9 | 60.9         | 10.8                               | 10.5 | 9.1  | 10.1         | 12.3       | 7.3        | 7.63                                         | 7.81 | 7.60 | 7.68         | 79                                      | 82  | 88  | 83           | 11.8           | 13.2          | 28.0                       | 1.1                    |
| 20           | 64.6                                             | 63.9 | 63.5 | 64.0         | 7.7                                | 14.4 | 11.4 | 11.2         | 14.5       | 4.6        | 6.97                                         | 7.92 | 6.01 | 6.97         | 89                                      | 64  | 60  | 71           | 28.0           | 36.4          | 39.9                       | 8.4                    |
| 2 inci onluk | 63.0                                             | 62.6 | 62.7 | 62.76        | 7.6                                | 10.6 | 8.5  | 8.9          | 11.5       | 5.3        | 6.67                                         | 7.36 | 6.99 | 7.00         | 86                                      | 78  | 84  | 83           | 17.4           | 21.0          | 31.9                       | 28.5                   |
| 21           | 61.6                                             | 61.3 | 62.1 | 61.7         | 11.1                               | 13.2 | 11.7 | 12.0         | 15.6       | 9.9        | 6.07                                         | 7.28 | 8.17 | 7.17         | 61                                      | 64  | 79  | 68           | 18.8           | 22.0          | 40.6                       | 2.8                    |
| 22           | 63.0                                             | 63.7 | 63.5 | 63.4         | 10.6                               | 14.4 | 12.8 | 12.6         | 15.1       | 9.8        | 7.87                                         | 8.67 | 8.25 | 8.26         | 82                                      | 71  | 75  | 76           | 25.0           | 31.8          | 35.0                       | 6.0                    |
| 23           | 60.1                                             | 57.2 | 55.8 | 57.7         | 12.5                               | 14.3 | 13.7 | 13.5         | 15.3       | 9.7        | 7.22                                         | 7.85 | 8.09 | 7.72         | 67                                      | 64  | 69  | 67           | 18.8           | 21.6          | 27.3                       | 1.9                    |
| 24           | 61.6                                             | 65.1 | 67.8 | 64.8         | 6.4                                | 10.2 | 6.0  | 7.5          | 10.5       | 4.9        | 5.07                                         | 3.77 | 3.90 | 4.25         | 70                                      | 40  | 56  | 55           | 24.9           | 33.8          | 36.1                       | 7.3                    |
| 25           | 65.9                                             | 65.3 | 64.6 | 65.3         | 5.7                                | 9.7  | 8.8  | 8.1          | 10.7       | 3.6        | 4.08                                         | 4.06 | 3.04 | 37.3         | 59                                      | 44  | 36  | 46           | 21.9           | 28.7          | 35.9                       | 5.2                    |
| 26           | 63.6                                             | 62.9 | 62.1 | 63.9         | 9.5                                | 14.3 | 11.4 | 11.7         | 14.5       | 8.2        | 5.68                                         | 6.51 | 6.81 | 6.33         | 64                                      | 54  | 68  | 62           | 27.9           | 36.2          | 39.2                       | 6.2                    |
| 27           | 61.3                                             | 60.0 | 59.6 | 60.3         | 11.0                               | 16.2 | 14.3 | 13.8         | 17.7       | 10.3       | 6.59                                         | 6.23 | 5.21 | 6.01         | 67                                      | 45  | 43  | 52           | 25.9           | 31.9          | 43.8                       | 7.1                    |
| 28           | 57.9                                             | 54.9 | 54.8 | 55.9         | 12.5                               | 16.6 | 9.9  | 13.0         | 17.2       | 9.9        | 5.93                                         | 5.39 | 9.00 | 6.77         | 54                                      | 38  | 98  | 63           | 19.5           | 21.4          | 32.7                       | 0.2                    |
| 29           | 52.4                                             | 51.4 | 52.5 | 52.1         | 11.1                               | 14.5 | 10.1 | 11.9         | 15.0       | 9.0        | 6.53                                         | 7.12 | 8.41 | 7.35         | 66                                      | 58  | 91  | 72           | 22.8           | 21.8          | 40.5                       | 2.7                    |
| 30           | 55.2                                             | 57.8 | 60.1 | 57.7         | 8.4                                | 9.6  | 6.7  | 8.2          | 10.0       | 5.8        | 8.19                                         | 7.53 | 7.34 | 7.69         | 100                                     | 84  | 100 | 95           | 14.6           | 17.4          | 23.1                       | 0.0                    |
| 31           | 60.5                                             | 60.0 | 59.6 | 60.0         | 7.0                                | 10.0 | 7.5  | 8.2          | 10.4       | 4.3        | 5.98                                         | 7.18 | 6.65 | 6.60         | 80                                      | 78  | 85  | 81           | 17.5           | 22.0          | 32.5                       | 1.4                    |
| 3 üncü onluk | 60.3                                             | 60.0 | 60.2 | 60.2         | 9.6                                | 13.0 | 10.3 | 11.0         | 13.8       | 7.8        | 6.29                                         | 6.51 | 6.81 | 6.53         | 70                                      | 58  | 73  | 67           | 21.6           | 27.1          | 35.2                       | 40.8                   |
| Yekûn        |                                                  |      |      |              |                                    |      |      |              |            |            |                                              |      |      |              |                                         |     |     |              |                |               |                            | 104.3                  |
| Aylık Vasatı | 62.2                                             | 61.8 | 62.1 | 62.1         | 8.0                                | 11.3 | 8.7  | 9.3          | 12.1       | 6.2        | 6.38                                         | 6.84 | 6.73 | 6.65         | 80                                      | 69  | 80  | 76           | 19.1           | 22.9          | 33.4                       |                        |

Janvier 1936

| Tarih—<br>Date | Rüzgâr — Vent                  |    |    |    |    |    |    |              |    |    |    |    |    |    |                          |    |    | Şehap—Nuage | Yağmur<br>7 den<br>mm. pluie | Kar<br>7 den<br>cm. Neige | Mülâhazat<br>Remarques |                |
|----------------|--------------------------------|----|----|----|----|----|----|--------------|----|----|----|----|----|----|--------------------------|----|----|-------------|------------------------------|---------------------------|------------------------|----------------|
|                | Tekerrür — Nombre de fréquence |    |    |    |    |    |    | Tekessür [*] |    |    |    |    |    |    | Sürat<br>Vitesse<br>m/s. |    |    |             |                              |                           |                        |                |
|                | N                              | NE | E  | SE | S  | SW | W  | NW           | N  | NE | E  | SE | S  | SW |                          | W  | NW |             |                              |                           |                        | Sakin          |
| 1              | 1                              | 2  | 1  | 1  | 1  | —  | 1  | —            | 1  | 59 | 25 | 5  | 2  | —  | 2                        | —  | 6  | 2.4         | 3.3                          | —                         | —                      | III            |
| 2              | 1                              | 7  | 6  | —  | —  | —  | —  | —            | 23 | 57 | 18 | —  | —  | —  | —                        | —  | 2  | 2.3         | 6.7                          | —                         | —                      | III            |
| 3              | 1                              | 4  | 4  | 3  | 2  | —  | —  | —            | 1  | 19 | 26 | 45 | 3  | —  | —                        | —  | 6  | 1.9         | 6.0                          | —                         | —                      | III            |
| 4              | —                              | —  | —  | 3  | 4  | 5  | —  | —            | —  | —  | —  | 68 | 6  | 22 | —                        | —  | 4  | 2.6         | 1.0                          | —                         | —                      | III            |
| 5              | 1                              | 2  | 1  | 1  | —  | —  | —  | —            | 10 | 81 | 2  | 7  | —  | —  | —                        | —  | —  | 3.2         | 6.7                          | —                         | —                      | —              |
| 6              | 3                              | 4  | —  | —  | —  | —  | —  | —            | 28 | 72 | —  | —  | —  | —  | —                        | —  | —  | 6.0         | 9.0                          | —                         | —                      | —              |
| 7              | 1                              | 3  | 2  | —  | —  | —  | —  | —            | 29 | 23 | 30 | —  | —  | —  | —                        | —  | 18 | 2.9         | 8.0                          | —                         | —                      | —              |
| 8              | —                              | —  | —  | 4  | 5  | 3  | —  | —            | —  | —  | —  | 33 | 28 | 33 | —                        | —  | 6  | 1.9         | 10.0                         | —                         | —                      | —              |
| 9              | —                              | —  | —  | 1  | 4  | 4  | —  | —            | —  | —  | —  | 2  | 14 | 84 | —                        | —  | —  | 2.6         | 9.7                          | —                         | —                      | —              |
| 10             | —                              | —  | —  | —  | 5  | 8  | 2  | —            | —  | —  | —  | —  | 7  | 92 | 1                        | —  | —  | 2.7         | 10.0                         | (*) 0.2                   | —                      | III [*] Sisten |
| 1 inci onluk   | 8                              | 22 | 14 | 13 | 21 | 20 | 3  | —            | 9  | 31 | 10 | 16 | 6  | 23 | 1                        | —  | 4  | 2.9         | 7.1                          | 0.2                       | —                      | —              |
| 11             | —                              | —  | —  | —  | 2  | 6  | 3  | —            | —  | —  | —  | —  | 3  | 80 | 17                       | —  | —  | 6.3         | 10.0                         | 1.5                       | —                      | III ●          |
| 12             | 3                              | 2  | —  | —  | —  | 2  | 2  | 1            | 15 | 18 | —  | —  | —  | 49 | 15                       | 3  | —  | 4.9         | 6.7                          | —                         | —                      | III ●          |
| 13             | 1                              | —  | —  | —  | —  | —  | 1  | —            | 49 | —  | —  | —  | —  | —  | 10                       | —  | 41 | 4.4         | 10.0                         | 4.3                       | —                      | III ●          |
| 14             | 2                              | 2  | —  | —  | 5  | 6  | —  | —            | 40 | 15 | —  | —  | 35 | 10 | —                        | —  | —  | 3.2         | 0.3                          | —                         | —                      | III ●          |
| 15             | 1                              | 5  | 4  | —  | —  | —  | —  | —            | 9  | 75 | 16 | —  | —  | —  | —                        | —  | —  | 4.5         | 6.7                          | 0.9                       | —                      | III ●          |
| 16             | 3                              | 5  | 4  | 1  | —  | —  | —  | —            | 4  | 20 | 44 | 25 | —  | —  | —                        | —  | 7  | 2.3         | 9.3                          | 0.3                       | —                      | III ●          |
| 17             | —                              | 1  | 1  | 2  | 1  | 1  | 1  | —            | —  | 1  | 7  | 27 | 28 | 12 | 10                       | —  | 15 | 2.1         | 6.3                          | —                         | —                      | III ●          |
| 18             | —                              | —  | —  | —  | 4  | 5  | 1  | —            | —  | —  | —  | —  | 47 | 52 | 1                        | —  | —  | 3.7         | 8.7                          | —                         | —                      | III ●          |
| 19             | —                              | —  | —  | 2  | 7  | 6  | 1  | —            | —  | —  | —  | —  | 14 | 25 | 24                       | 23 | —  | 4.3         | 6.7                          | 8.1                       | —                      | III ●          |
| 20             | —                              | —  | —  | 2  | 6  | 3  | —  | —            | —  | —  | —  | —  | 17 | 65 | 18                       | —  | —  | 2.7         | 0.3                          | (*) 0.2                   | —                      | III [*] Sisten |
| 2 inci onluk   | 10                             | 15 | 9  | 7  | 25 | 29 | 9  | 1            | 12 | 13 | 7  | 8  | 20 | 24 | 8                        | —  | 8  | 3.8         | 6.5                          | 15.3                      | —                      | —              |
| 21             | —                              | —  | —  | —  | 1  | 1  | —  | —            | —  | —  | —  | —  | 11 | 89 | —                        | —  | —  | 6.3         | 6.7                          | —                         | —                      | —              |
| 22             | —                              | —  | —  | —  | 2  | 2  | —  | —            | —  | —  | —  | —  | 43 | 57 | —                        | —  | —  | 5.8         | 4.0                          | —                         | —                      | —              |
| 23             | 2                              | 2  | 1  | —  | 1  | 3  | 2  | 1            | 12 | 8  | 2  | —  | 4  | 69 | 2                        | 3  | —  | 11.2        | 3.3                          | 10.9                      | —                      | —              |
| 24             | 2                              | 1  | —  | 3  | 3  | —  | 3  | 5            | 4  | 10 | —  | 26 | 12 | —  | 28                       | 20 | —  | 6.4         | 3.3                          | —                         | —                      | —              |
| 25             | —                              | —  | —  | —  | 2  | 2  | —  | —            | —  | —  | —  | —  | 41 | 59 | —                        | —  | —  | 3.7         | 3.7                          | —                         | —                      | —              |
| 26             | —                              | —  | —  | —  | 1  | 2  | —  | —            | —  | —  | —  | —  | 8  | 92 | —                        | —  | —  | 7.7         | 3.7                          | —                         | —                      | —              |
| 27             | —                              | —  | —  | 1  | 5  | 4  | —  | —            | —  | —  | —  | —  | 2  | 46 | 52                       | —  | —  | 7.4         | 2.3                          | —                         | —                      | —              |
| 28             | —                              | —  | 1  | 5  | 7  | 7  | 2  | 1            | —  | —  | 9  | 23 | 25 | 37 | 3                        | 1  | 2  | 3.7         | 10.0                         | 0.9                       | —                      | —              |
| 29             | 1                              | —  | —  | 1  | 1  | 1  | 3  | 2            | 38 | —  | —  | 12 | 4  | 17 | 17                       | 12 | —  | 2.5         | 10.0                         | 8.9                       | —                      | —              |
| 30             | 1                              | 1  | 2  | 1  | —  | —  | —  | —            | 32 | 3  | 46 | 19 | —  | —  | —                        | —  | —  | 4.4         | 6.7                          | —                         | —                      | —              |
| 31             | 3                              | 9  | 8  | —  | —  | —  | —  | —            | 11 | 51 | 38 | —  | —  | —  | —                        | —  | —  | 6.8         | 6.7                          | —                         | —                      | —              |
| 3 üncü onluk   | 9                              | 13 | 12 | 11 | 23 | 22 | 10 | 9            | 9  | 7  | 9  | 8  | 18 | 43 | 5                        | 1  | —  | 6.0         | 5.5                          | 20.7                      | —                      | —              |
| Yekûn          | 27                             | 50 | 35 | 31 | 69 | 71 | 22 | 10           | —  | —  | —  | —  | —  | —  | —                        | —  | —  | —           | —                            | —                         | —                      | —              |
| Vasatı         | —                              | —  | —  | —  | —  | —  | —  | —            | 10 | 17 | 8  | 10 | 15 | 31 | 4                        | 1  | 4  | 4.3         | 6.3                          | —                         | —                      | —              |

[\*] Bir gün zarfında her hangi bir cihetten esen rüzgârın devam müddetinin gün müddetine nisbetinin yüzdesi.  
 Pourcentage de la proportion de la durée de chaque direction du vent à 24 h.

| Tarih — Date<br>Tarih — | Barometre<br>(O° ye ve S. V. B.)<br>700 mm + .... |      |      |      | Hararet derecesi C°<br>Température |      |      |      |      |      | Buhar tevettürü<br>Tension de la vap.<br>mm. |      |      |      | Rutubeti<br>nisbiye %<br>Humidité relat. |     |     |      | Aktinom.<br>C° |               | Güneşe azami<br>Max. noir | Teşemmüs<br>Insolation |
|-------------------------|---------------------------------------------------|------|------|------|------------------------------------|------|------|------|------|------|----------------------------------------------|------|------|------|------------------------------------------|-----|-----|------|----------------|---------------|---------------------------|------------------------|
|                         | 7                                                 | 14   | 21   | Vas. | 7                                  | 14   | 21   | Vas. | Az.  | As.  | 7                                            | 14   | 21   | Vas. | 7                                        | 14  | 21  | Vas. | Beyaz<br>Blanc | Siyah<br>Noir |                           |                        |
|                         |                                                   |      |      |      |                                    |      |      |      |      |      |                                              |      |      |      |                                          |     |     |      |                |               |                           |                        |
| 1                       | 57.0                                              | 55.5 | 55.7 | 56.1 | 6.9                                | 10.5 | 7.9  | 8.4  | 13.1 | 6.5  | 7.22                                         | 7.69 | 7.74 | 7.55 | 97                                       | 81  | 97  | 92   | 17.8           | 21.8          | 29.0                      | 2.2                    |
| 2                       | 55.1                                              | 53.4 | 53.7 | 54.1 | 7.9                                | 10.9 | 11.7 | 10.2 | 13.5 | 5.9  | 7.85                                         | 8.05 | 7.58 | 7.83 | 99                                       | 82  | 74  | 85   | 22.4           | 29.0          | 35.8                      | 3.9                    |
| 3                       | 52.6                                              | 53.0 | 52.5 | 52.7 | 12.9                               | 15.5 | 15.2 | 14.5 | 16.0 | 11.8 | 7.22                                         | 7.02 | 5.98 | 6.74 | 65                                       | 53  | 46  | 55   | 21.2           | 24.8          | 45.1                      | 1.4                    |
| 4                       | 48.1                                              | 46.9 | 46.9 | 47.3 | 15.2                               | 12.4 | 11.3 | 13.0 | 18.8 | 8.8  | 6.10                                         | 7.76 | 6.41 | 6.76 | 47                                       | 72  | 64  | 61   | 15.9           | 16.0          | 44.5                      | 1.1                    |
| 5                       | 49.1                                              | 49.9 | 51.4 | 50.1 | 12.5                               | 13.4 | 10.6 | 12.2 | 14.7 | 10.1 | 5.13                                         | 6.09 | 6.94 | 6.05 | 48                                       | 53  | 72  | 58   | 19.4           | 23.0          | 42.8                      | 1.0                    |
| 6                       | 51.9                                              | 51.7 | 52.7 | 52.1 | 9.1                                | 9.5  | 6.7  | 8.4  | 11.4 | 5.8  | 6.92                                         | 7.71 | 7.34 | 7.32 | 80                                       | 87  | 100 | 89   | 11.3           | 12.8          | 24.6                      | 0.0                    |
| 7                       | 53.4                                              | 53.8 | 53.9 | 53.7 | 6.7                                | 6.8  | 6.8  | 6.8  | 7.5  | 5.7  | 7.34                                         | 7.17 | 7.28 | 7.26 | 100                                      | 99  | 99  | 99   | 9.3            | 10.7          | 14.0                      | 0.0                    |
| 8                       | 55.0                                              | 55.0 | 54.6 | 54.9 | 6.8                                | 7.3  | 6.2  | 6.8  | 7.4  | 5.4  | 7.17                                         | 7.65 | 7.09 | 7.30 | 97                                       | 100 | 100 | 99   | 10.8           | 12.8          | 16.1                      | 0.0                    |
| 9                       | 55.8                                              | 58.7 | 57.6 | 57.4 | 4.4                                | 3.9  | 4.7  | 4.3  | 5.5  | 3.8  | 6.16                                         | 5.44 | 5.47 | 5.69 | 99                                       | 90  | 85  | 91   | 7.9            | 10.0          | 11.9                      | 0.0                    |
| 10                      | 55.3                                              | 55.2 | 55.1 | 55.2 | 6.8                                | 8.5  | 6.8  | 7.4  | 9.9  | 5.2  | 5.35                                         | 6.05 | 5.99 | 5.80 | 72                                       | 72  | 81  | 75   | 15.0           | 18.9          | 36.2                      | 5.6                    |
| 1 inci onluk            | 53.3                                              | 53.3 | 53.4 | 53.4 | 8.9                                | 9.9  | 8.8  | 9.2  | 11.8 | 6.9  | 6.65                                         | 7.06 | 6.78 | 6.83 | 80                                       | 79  | 82  | 80   | 15.1           | 18.0          | 30.0                      | 15.2                   |
| 11                      | 51.3                                              | 45.4 | 40.9 | 45.9 | 7.3                                | 7.6  | 4.8  | 6.6  | 9.9  | 1.2  | 6.01                                         | 5.41 | 6.33 | 5.92 | 78                                       | 69  | 99  | 82   | 7.8            | 8.5           | 17.8                      | 8.6                    |
| 12                      | 53.1                                              | 58.8 | 61.6 | 57.8 | 3.8                                | 4.3  | 5.7  | 4.6  | 1.0  | 6.3  | 3.35                                         | 3.22 | 2.18 | 2.92 | 100                                      | 100 | 76  | 92   | 6.2            | 6.2           | 17.0                      | 0.0                    |
| 13                      | 63.2                                              | 63.8 | 63.9 | 63.6 | 5.9                                | 0.0  | 2.5  | 2.8  | 0.0  | 6.9  | 1.34                                         | 1.71 | 2.29 | 1.78 | 46                                       | 38  | 62  | 49   | 19.4           | 30.9          | 37.1                      | 0.0                    |
| 14                      | 60.1                                              | 61.4 | 60.4 | 60.6 | 2.1                                | 5.7  | 3.8  | 3.9  | 6.9  | 0.0  | 3.32                                         | 3.78 | 3.07 | 3.39 | 63                                       | 56  | 52  | 57   | 22.3           | 31.9          | 37.3                      | 9.0                    |
| 15                      | 59.1                                              | 62.6 | 64.3 | 62.0 | 6.1                                | 6.6  | 2.2  | 5.0  | 8.2  | 2.0  | 5.67                                         | 3.75 | 3.64 | 4.35 | 81                                       | 51  | 68  | 67   | 22.9           | 32.0          | 34.6                      | 6.5                    |
| 16                      | 62.7                                              | 59.7 | 59.3 | 60.6 | 3.1                                | 11.6 | 5.5  | 6.7  | 13.0 | 1.0  | 2.71                                         | 5.78 | 5.51 | 4.67 | 47                                       | 57  | 81  | 62   | 18.6           | 22.7          | 39.5                      | 6.4                    |
| 17                      | 58.3                                              | 58.0 | 58.3 | 58.2 | 5.4                                | 7.2  | 6.8  | 6.5  | 8.1  | 4.7  | 6.71                                         | 7.60 | 7.17 | 7.16 | 100                                      | 100 | 97  | 99   | 10.8           | 12.8          | 39.0                      | 0.0                    |
| 18                      | 57.4                                              | 55.3 | 55.3 | 56.0 | 7.3                                | 11.1 | 7.9  | 8.8  | 11.3 | 6.1  | 7.54                                         | 9.25 | 7.85 | 8.21 | 99                                       | 94  | 99  | 97   | 13.6           | 15.3          | 27.4                      | 0.0                    |
| 19                      | 58.6                                              | 61.4 | 62.8 | 60.9 | 6.1                                | 6.4  | 5.0  | 5.8  | 7.3  | 4.0  | 6.94                                         | 5.91 | 5.81 | 6.22 | 99                                       | 82  | 89  | 90   | 15.0           | 19.6          | 22.9                      | 0.1                    |
| 20                      | 59.2                                              | 58.1 | 56.2 | 57.8 | 2.8                                | 7.0  | 6.9  | 5.6  | 7.3  | 2.0  | 5.20                                         | 7.02 | 7.33 | 6.52 | 93                                       | 94  | 99  | 95   | 13.6           | 17.4          | 21.8                      | 0.0                    |
| 2 inci onluk            | 58.3                                              | 58.5 | 58.3 | 58.3 | 3.1                                | 5.9  | 3.5  | 4.2  | 7.3  | 0.8  | 4.88                                         | 5.34 | 5.12 | 5.11 | 81                                       | 74  | 82  | 79   | 13.8           | 18.5          | 29.4                      | 30.6                   |
| 21                      | 58.5                                              | 60.5 | 62.2 | 60.4 | 5.9                                | 5.4  | 6.5  | 5.9  | 6.7  | 4.9  | 6.84                                         | 5.98 | 7.13 | 6.65 | 99                                       | 89  | 98  | 95   | 7.6            | 8.7           | 12.4                      | 0.4                    |
| 22                      | 64.4                                              | 65.2 | 66.4 | 65.3 | 4.9                                | 8.4  | 5.1  | 6.1  | 9.7  | 4.2  | 5.76                                         | 6.33 | 5.44 | 5.84 | 88                                       | 77  | 82  | 82   | 16.6           | 21.3          | 40.4                      | 1.9                    |
| 23                      | 65.5                                              | 64.7 | 62.9 | 64.4 | 3.9                                | 7.5  | 3.8  | 5.1  | 8.5  | 3.5  | 5.25                                         | 4.42 | 4.61 | 4.76 | 87                                       | 56  | 76  | 73   | 16.2           | 21.4          | 38.0                      | 2.9                    |
| 24                      | 59.4                                              | 56.6 | 54.4 | 56.8 | 2.5                                | 9.6  | 7.2  | 6.4  | 12.8 | 2.2  | 4.61                                         | 6.40 | 5.54 | 5.52 | 84                                       | 71  | 72  | 76   | 20.2           | 25.7          | 42.8                      | 5.7                    |
| 25                      | 51.5                                              | 52.3 | 55.3 | 53.0 | 7.1                                | 8.8  | 7.0  | 7.6  | 8.8  | 5.3  | 6.78                                         | 8.24 | 7.38 | 7.47 | 90                                       | 57  | 98  | 95   | 10.8           | 12.0          | 15.1                      | 0.0                    |
| 26                      | 56.9                                              | 57.9 | 61.6 | 58.8 | 5.7                                | 7.9  | 6.5  | 6.7  | 8.2  | 5.4  | 6.53                                         | 7.63 | 6.70 | 6.95 | 96                                       | 96  | 92  | 95   | 18.2           | 24.0          | 26.0                      | 0.1                    |
| 27                      | 65.7                                              | 66.7 | 66.2 | 66.2 | 4.3                                | 11.5 | 7.4  | 7.7  | 13.0 | 4.1  | 5.91                                         | 6.07 | 5.74 | 5.91 | 95                                       | 60  | 75  | 77   | 27.4           | 30.1          | 40.0                      | 9.7                    |
| 28                      | 63.8                                              | 60.6 | 56.7 | 60.4 | 8.1                                | 15.7 | 17.3 | 13.7 | 17.7 | 6.0  | 5.54                                         | 5.44 | 5.46 | 5.48 | 69                                       | 41  | 37  | 49   | 21.9           | 25.3          | 40.2                      | 1.0                    |
| 29                      | 56.3                                              | 57.0 | 56.9 | 56.7 | 15.0                               | 14.3 | 14.1 | 14.5 | 17.5 | 12.0 | 6.27                                         | 7.12 | 6.87 | 6.75 | 52                                       | 58  | 57  | 56   | 15.7           | 17.0          | 30.3                      | 0.0                    |
| 3 üncü onluk            | 60.2                                              | 60.2 | 60.3 | 60.2 | 6.4                                | 9.9  | 8.3  | 8.3  | 10.3 | 4.8  | 5.94                                         | 6.40 | 6.10 | 6.15 | 84                                       | 72  | 76  | 78   | 17.2           | 20.6          | 31.7                      | 21.7                   |
| Yekûn                   |                                                   |      |      |      |                                    |      |      |      |      |      |                                              |      |      |      |                                          |     |     |      |                |               |                           | 67.5                   |
| Aylık Vasaatı           | 57.2                                              | 57.2 | 57.2 | 57.2 | 6.1                                | 8.5  | 6.9  | 7.2  | 10.1 | 4.3  | 5.82                                         | 6.27 | 6.00 | 6.03 | 82                                       | 75  | 80  | 79   | 15.3           | 19.3          | 30.3                      |                        |

Fevrier 1936

| Tarih — Date | Rüzgâr — Vent                     |    |    |    |    |    |    |    |              |    |    |    |    |    |    |                         |    | Sahap<br>Nuage | Yağmur<br>Pluie<br>7 den<br>7 ye<br>mm | Kar<br>Neige<br>7 den<br>7 ye<br>Cm | Mülâhazat<br>Remarques |
|--------------|-----------------------------------|----|----|----|----|----|----|----|--------------|----|----|----|----|----|----|-------------------------|----|----------------|----------------------------------------|-------------------------------------|------------------------|
|              | Tekerrür — Nombre de<br>fréquence |    |    |    |    |    |    |    | Tekessür [*] |    |    |    |    |    |    | Sürat<br>Vitesse<br>m/s |    |                |                                        |                                     |                        |
|              | N                                 | NE | E  | SE | S  | SW | W  | NW | N            | NE | E  | SE | S  | SW | W  |                         | NW |                |                                        |                                     |                        |
| 1            | 3                                 | 3  | —  | 2  | 3  | 5  | 2  | 1  | 46           | 14 | —  | 7  | 3  | 15 | 4  | 2                       | 4  | 3.2            | 10.0                                   | —                                   | III                    |
| 2            | —                                 | —  | —  | 1  | 4  | 3  | —  | —  | —            | —  | —  | 5  | 37 | 58 | —  | —                       | —  | 5.0            | 6.7                                    | —                                   | III                    |
| 3            | —                                 | —  | —  | 2  | 3  | 1  | —  | —  | —            | —  | —  | 59 | 16 | 25 | —  | —                       | —  | 9.3            | 10.0                                   | —                                   | E                      |
| 4            | —                                 | —  | —  | 3  | 3  | 2  | —  | —  | —            | —  | —  | 46 | 44 | 10 | —  | —                       | —  | 10.7           | 10.0                                   | 7.4                                 | ● E                    |
| 5            | —                                 | —  | —  | 3  | 6  | 3  | 1  | —  | —            | —  | —  | 9  | 73 | 17 | 1  | —                       | —  | 7.1            | 10.0                                   | 1.3                                 | ● E                    |
| 6            | 1                                 | —  | —  | —  | —  | 1  | 1  | 1  | 86           | —  | —  | —  | —  | 7  | 1  | 3                       | 3  | 6.0            | 10.0                                   | 11.9                                | ●                      |
| 7            | 2                                 | 3  | 1  | —  | —  | —  | —  | —  | 43           | 51 | 6  | —  | —  | —  | —  | —                       | —  | 7.5            | 10.0                                   | 29.4                                | ●                      |
| 8            | 2                                 | 1  | —  | —  | —  | 2  | 3  | 4  | 40           | 8  | —  | —  | —  | 14 | 5  | 33                      | —  | 5.8            | 10.0                                   | 57.5                                | ●                      |
| 9            | —                                 | —  | —  | —  | 2  | 2  | 1  | 1  | —            | —  | —  | —  | 61 | 7  | 7  | 25                      | —  | 6.4            | 10.0                                   | 3.9                                 | ● E                    |
| 10           | —                                 | —  | 1  | 4  | 3  | 1  | 1  | —  | —            | —  | 3  | 46 | 16 | 33 | 2  | —                       | —  | 5.8            | 8.7                                    | 1.2                                 | ●                      |
| 1 inci onluk | 8                                 | 7  | 2  | 15 | 24 | 20 | 9  | 7  | 21           | 7  | 1  | 17 | 26 | 19 | 2  | 6                       | 1  | 6.7            | 9.5                                    | 112.6                               |                        |
| 11           | 1                                 | 1  | 1  | 1  | —  | —  | —  | 1  | 12           | 17 | 4  | 21 | —  | —  | —  | 46                      | —  | 5.8            | 10.0                                   | 18.0                                | ● E                    |
| 12           | 3                                 | 2  | —  | —  | 2  | 4  | 3  | 3  | 25           | 4  | —  | —  | 4  | 7  | 4  | 56                      | —  | 6.4            | 10.0                                   | 3.0                                 | * 4 E                  |
| 13           | —                                 | —  | —  | —  | —  | 3  | 4  | 2  | —            | —  | —  | —  | —  | 54 | 24 | 22                      | —  | 3.0            | 3.3                                    | —                                   |                        |
| 14           | —                                 | —  | —  | —  | —  | 5  | 8  | —  | —            | —  | —  | —  | —  | 36 | 57 | —                       | 7  | 7.8            | 1.3                                    | —                                   | E                      |
| 15           | 1                                 | 3  | 2  | —  | —  | —  | —  | —  | 21           | 11 | 62 | —  | —  | —  | —  | —                       | 6  | 6.4            | 1.0                                    | —                                   |                        |
| 16           | 3                                 | 6  | 2  | —  | —  | —  | 1  | 1  | 20           | 47 | 14 | —  | —  | —  | 6  | 2                       | 11 | 4.2            | 5.7                                    | 2.6                                 | ● III                  |
| 17           | 4                                 | 4  | 1  | —  | —  | —  | —  | 1  | 27           | 27 | 18 | —  | —  | —  | —  | 1                       | 27 | 2.2            | 10.0                                   | 2.8                                 | ● III                  |
| 18           | 2                                 | 2  | 1  | —  | —  | —  | —  | 1  | 63           | 17 | 9  | —  | —  | —  | —  | 3                       | 8  | 2.3            | 10.0                                   | 20.0                                | ●                      |
| 19           | 2                                 | 4  | 2  | —  | —  | —  | —  | —  | 5            | 55 | 36 | —  | —  | —  | —  | —                       | 4  | 5.6            | 10.0                                   | 0.8                                 | ●                      |
| 20           | 1                                 | 2  | 1  | 1  | 1  | 1  | 1  | 1  | 20           | 17 | 1  | 22 | 19 | 4  | 1  | 10                      | 6  | 2.4            | 10.0                                   | 10.8                                | ●                      |
| 2 inci onluk | 17                                | 24 | 10 | 2  | 3  | 13 | 17 | 10 | 19           | 20 | 15 | 4  | 2  | 10 | 9  | 15                      | 6  | 4.6            | 7.1                                    | 55.0                                | 23.0                   |
| 21           | 5                                 | 6  | 1  | —  | —  | —  | —  | —  | 61           | 30 | 1  | —  | —  | —  | —  | —                       | 8  | 5.8            | 10.0                                   | 2.3                                 | ●                      |
| 22           | 2                                 | 5  | 6  | 3  | —  | —  | —  | —  | 12           | 18 | 49 | 17 | —  | —  | —  | —                       | 4  | 3.2            | 10.0                                   | 0.5                                 | ●                      |
| 23           | —                                 | 5  | 8  | 2  | —  | —  | —  | —  | —            | 13 | 67 | 20 | —  | —  | —  | —                       | —  | 3.3            | 6.7                                    | —                                   |                        |
| 24           | 1                                 | 7  | 7  | 1  | 1  | —  | —  | —  | 4            | 46 | 38 | 9  | 1  | —  | —  | —                       | 2  | 4.9            | 6.3                                    | 1.0                                 | ●                      |
| 25           | 3                                 | 3  | 1  | —  | —  | —  | —  | 2  | 27           | 28 | 2  | —  | —  | —  | —  | 20                      | 33 | 2.4            | 10.0                                   | 4.5                                 | ● III                  |
| 26           | 3                                 | 5  | 3  | 2  | 1  | 1  | —  | —  | 15           | 64 | 6  | 12 | 1  | 2  | —  | —                       | —  | 3.1            | 10.0                                   | 1.2                                 | ●                      |
| 27           | —                                 | —  | 2  | 5  | 3  | 1  | —  | —  | —            | —  | 28 | 30 | 7  | 26 | —  | —                       | 9  | 2.6            | 0.0                                    | —                                   |                        |
| 28           | —                                 | —  | —  | 1  | 5  | 1  | —  | 2  | —            | —  | —  | 37 | 48 | 14 | —  | 1                       | —  | 6.5            | 9.7                                    | —                                   | E                      |
| 29           | —                                 | —  | —  | —  | 11 | 17 | 5  | —  | —            | —  | —  | —  | 37 | 53 | 7  | —                       | 3  | 4.1            | 10.0                                   | —                                   | ● E                    |
| 3 üncü onluk | 14                                | 31 | 28 | 14 | 21 | 20 | 5  | 4  | 13           | 22 | 21 | 14 | 11 | 11 | 1  | 2                       | 5  | 4.0            | 8.1                                    | 9.5                                 |                        |
| Yekûn        | 39                                | 62 | 40 | 31 | 48 | 53 | 31 | 21 |              |    |    |    |    |    |    |                         |    |                | 177.1                                  | 23.0                                |                        |
| Aylık Vasatı |                                   |    |    |    |    |    |    |    | 18           | 16 | 12 | 12 | 13 | 13 | 4  | 8                       | 4  | 5.1            | 8.3                                    |                                     |                        |

[\*] Bir ay zarfında her hangi bir cihetten esen rüzgârın devam müddetinin gün müddetine nisbetinin yüzdesi.  
 Pourcentage de la proportion de la durée de chaque direction du vent à 24 h.

| Tarih — Date<br>Tarih   | Barometre<br>(O° ye ve S.V.B.)<br>700 mm + .. |      |      |              | Hararet derecesi C°<br>Température |      |      |              |            |            | Buhar tevettürü<br>Tension de la vap.<br>mm. |      |      |              | Rutubeti<br>nisbiye %<br>Humidité relat. |    |     |              | Aktinom<br>C°  |               | Güneş azamı<br>Max. noir | Teşemmüs<br>Insolation<br>Saat h. |
|-------------------------|-----------------------------------------------|------|------|--------------|------------------------------------|------|------|--------------|------------|------------|----------------------------------------------|------|------|--------------|------------------------------------------|----|-----|--------------|----------------|---------------|--------------------------|-----------------------------------|
|                         | 7                                             | 14   | 21   | Vas.<br>Moy. | 7                                  | 14   | 21   | Vas.<br>Moy. | Az.<br>Max | As.<br>Min | 7                                            | 14   | 21   | Vas.<br>Moy. | 7                                        | 14 | 21  | Vas.<br>Moy. | Beyaz<br>Blanc | Siyah<br>Noir |                          |                                   |
|                         |                                               |      |      |              |                                    |      |      |              |            |            |                                              |      |      |              |                                          |    |     |              |                |               |                          |                                   |
| 1                       | 58.0                                          | 56.7 | 55.9 | 56.9         | 12.2                               | 19.6 | 14.8 | 15.5         | 20.0       | 10.8       | 6.68                                         | 8.07 | 6.94 | 7.23         | 63                                       | 47 | 55  | 55           | 34.0           | 42.6          | 46.2                     | 10.4                              |
| 2                       | 56.3                                          | 55.8 | 59.5 | 57.2         | 11.3                               | 16.8 | 12.6 | 13.6         | 17.7       | 10.2       | 8.41                                         | 8.15 | 6.92 | 7.83         | 84                                       | 56 | 63  | 68           | 31.6           | 40.4          | 44.9                     | 9.8                               |
| 3                       | 63.7                                          | 65.7 | 67.8 | 65.7         | 10.1                               | 15.7 | 11.1 | 12.3         | 17.9       | 9.7        | 7.70                                         | 7.52 | 5.18 | 6.80         | 83                                       | 56 | 52  | 64           | 31.4           | 40.2          | 44.2                     | 10.5                              |
| 4                       | 69.3                                          | 69.1 | 69.3 | 69.2         | 8.1                                | 11.4 | 8.3  | 9.3          | 16.4       | 6.5        | 6.62                                         | 9.82 | 6.95 | 7.80         | 82                                       | 75 | 85  | 81           | 27.8           | 37.0          | 46.0                     | 10.8                              |
| 5                       | 67.9                                          | 65.1 | 63.2 | 65.4         | 7.3                                | 9.7  | 5.9  | 7.4          | 11.1       | 5.9        | 7.54                                         | 7.82 | 6.84 | 7.40         | 98                                       | 87 | 98  | 94           | 26.6           | 36.2          | 40.0                     | 5.6                               |
| 6                       | 59.7                                          | 56.0 | 54.4 | 56.7         | 6.5                                | 10.9 | 9.9  | 9.1          | 12.0       | 6.0        | 7.13                                         | 7.69 | 6.67 | 7.16         | 98                                       | 79 | 73  | 83           | 35.4           | 26.4          | 41.5                     | 7.0                               |
| 7                       | 55.8                                          | 56.4 | 56.8 | 56.3         | 9.5                                | 15.4 | 11.9 | 12.3         | 16.5       | 8.3        | 7.36                                         | 7.70 | 6.40 | 7.15         | 83                                       | 58 | 62  | 68           | 31.2           | 40.4          | 45.4                     | 8.4                               |
| 8                       | 59.3                                          | 61.2 | 63.8 | 61.4         | 6.9                                | 9.1  | 6.9  | 7.6          | 9.3        | 6.5        | 7.33                                         | 6.92 | 6.47 | 6.91         | 98                                       | 80 | 86  | 88           | 17.8           | 22.8          | 25.2                     | 0.0                               |
| 9                       | 65.5                                          | 66.1 | 66.1 | 65.9         | 4.9                                | 8.6  | 4.9  | 6.1          | 9.5        | 3.0        | 5.86                                         | 4.81 | 4.45 | 5.04         | 90                                       | 57 | 69  | 72           | 26.2           | 35.8          | 41.3                     | 7.1                               |
| 10                      | 65.2                                          | 64.7 | 65.3 | 65.1         | 3.5                                | 10.7 | 6.7  | 7.0          | 12.2       | 2.5        | 4.89                                         | 4.86 | 4.49 | 4.75         | 83                                       | 50 | 61  | 65           | 21.2           | 26.8          | 42.0                     | 4.8                               |
| 1 inci<br>onluk         | 62.1                                          | 61.7 | 62.2 | 62.0         | 8.0                                | 12.8 | 9.3  | 10.0         | 14.2       | 6.9        | 6.95                                         | 7.34 | 6.13 | 6.81         | 86                                       | 65 | 70  | 74           | 28.3           | 34.9          | 41.7                     | 74.4                              |
| 11                      | 65.0                                          | 64.4 | 64.1 | 64.5         | 3.8                                | 11.9 | 6.5  | 7.4          | 12.7       | 3.5        | 4.41                                         | 5.71 | 4.20 | 4.77         | 73                                       | 55 | 59  | 62           | 29.4           | 39.0          | 43.4                     | 10.4                              |
| 12                      | 64.0                                          | 63.0 | 62.7 | 63.2         | 6.0                                | 13.2 | 10.8 | 10.0         | 14.5       | 4.3        | 4.81                                         | 5.74 | 4.69 | 5.08         | 68                                       | 51 | 48  | 56           | 29.4           | 38.6          | 43.2                     | 10.2                              |
| 13                      | 61.9                                          | 60.6 | 59.2 | 60.6         | 10.9                               | 16.9 | 16.4 | 14.7         | 18.4       | 9.6        | 4.52                                         | 5.58 | 4.43 | 4.84         | 45                                       | 38 | 31  | 38           | 33.3           | 42.0          | 49.2                     | 11.5                              |
| 14                      | 58.4                                          | 57.0 | 56.8 | 57.4         | 12.7                               | 17.7 | 9.7  | 13.4         | 17.7       | 9.0        | 5.93                                         | 6.71 | 8.17 | 6.94         | 54                                       | 45 | 91  | 63           | 22.6           | 26.5          | 33.0                     | 0.1                               |
| 15                      | 59.1                                          | 61.0 | 61.8 | 60.6         | 8.7                                | 9.1  | 7.1  | 8.3          | 10.1       | 6.8        | 7.38                                         | 6.92 | 6.56 | 6.95         | 88                                       | 80 | 87  | 85           | 16.4           | 20.0          | 33.0                     | 1.4                               |
| 16                      | 61.7                                          | 60.9 | 61.6 | 61.4         | 6.9                                | 11.2 | 6.3  | 8.1          | 12.0       | 5.3        | 6.47                                         | 6.24 | 5.55 | 6.09         | 87                                       | 62 | 78  | 76           | 26.4           | 34.5          | 47.4                     | 9.5                               |
| 17                      | 61.6                                          | 61.4 | 62.5 | 61.8         | 6.9                                | 10.6 | 7.7  | 8.4          | 12.3       | 5.3        | 6.36                                         | 7.06 | 6.75 | 6.72         | 85                                       | 73 | 86  | 81           | 27.9           | 37.8          | 45.7                     | 4.5                               |
| 18                      | 62.8                                          | 61.9 | 62.0 | 62.2         | 7.9                                | 9.5  | 8.1  | 8.5          | 9.7        | 6.9        | 7.40                                         | 7.94 | 7.29 | 7.54         | 92                                       | 90 | 90  | 91           | 16.4           | 20.1          | 23.5                     | 0.0                               |
| 19                      | 63.1                                          | 63.9 | 64.6 | 63.9         | 4.0                                | 9.1  | 6.7  | 6.6          | 10.2       | 3.5        | 5.99                                         | 7.60 | 7.23 | 6.94         | 99                                       | 88 | 98  | 95           | 13.0           | 15.4          | 45.2                     | 2.0                               |
| 20                      | 65.5                                          | 66.6 | 67.4 | 66.5         | 6.4                                | 10.3 | 5.5  | 7.4          | 10.3       | 4.9        | 5.91                                         | 5.43 | 5.82 | 5.72         | 82                                       | 58 | 86  | 75           | 28.4           | 38.2          | 43.9                     | 8.1                               |
| 2 inci<br>onluk         | 62.3                                          | 62.1 | 62.3 | 62.2         | 7.4                                | 12.0 | 8.5  | 9.3          | 12.8       | 5.9        | 5.92                                         | 6.49 | 6.07 | 6.16         | 77                                       | 64 | 75  | 72           | 24.3           | 31.2          | 40.8                     | 57.7                              |
| 21                      | 68.7                                          | 70.2 | 71.8 | 70.2         | 5.3                                | 10.8 | 6.6  | 7.6          | 12.1       | 4.1        | 5.84                                         | 4.58 | 5.47 | 5.30         | 88                                       | 46 | 75  | 70           | 25.8           | 34.2          | 44.5                     | 9.0                               |
| 22                      | 70.9                                          | 69.3 | 68.2 | 69.5         | 5.5                                | 11.1 | 5.9  | 7.5          | 12.9       | 4.3        | 6.03                                         | 6.30 | 3.56 | 5.30         | 89                                       | 64 | 65  | 73           | 28.4           | 37.6          | 44.6                     | 11.0                              |
| 23                      | 67.0                                          | 65.3 | 65.1 | 65.8         | 9.3                                | 16.0 | 10.7 | 12.0         | 17.1       | 8.8        | 4.57                                         | 4.55 | 6.77 | 5.30         | 56                                       | 33 | 70  | 53           | 31.2           | 39.3          | 48.3                     | 7.2                               |
| 24                      | 64.6                                          | 64.7 | 63.6 | 64.3         | 9.9                                | 14.7 | 11.3 | 12.0         | 16.0       | 8.2        | 7.94                                         | 7.62 | 6.87 | 7.48         | 87                                       | 61 | 69  | 72           | 30.8           | 39.5          | 45.2                     | 8.8                               |
| 25                      | 62.6                                          | 60.7 | 60.5 | 61.3         | 10.5                               | 17.5 | 13.1 | 13.4         | 18.5       | 8.7        | 7.69                                         | 7.48 | 6.51 | 7.23         | 81                                       | 49 | 57  | 62           | 32.2           | 40.6          | 47.2                     | 10.9                              |
| 26                      | 60.2                                          | 58.9 | 57.6 | 58.9         | 11.4                               | 18.6 | 14.6 | 14.9         | 20.6       | 9.7        | 7.63                                         | 8.13 | 5.38 | 7.05         | 75                                       | 51 | 43  | 56           | 33.6           | 41.6          | 52.4                     | 3.9                               |
| 27                      | 56.9                                          | 55.6 | 55.6 | 56.0         | 9.5                                | 18.4 | 14.2 | 14.0         | 20.1       | 8.0        | 7.83                                         | 8.25 | 7.18 | 7.75         | 88                                       | 52 | 59  | 66           | 33.4           | 41.8          | 53.8                     | 3.3                               |
| 28                      | 55.7                                          | 57.5 | 61.5 | 58.2         | 12.6                               | 14.2 | 8.1  | 11.6         | 18.1       | 7.5        | 7.76                                         | 9.13 | 8.08 | 8.42         | 71                                       | 78 | 100 | 83           | 31.3           | 40.2          | 51.2                     | 8.5                               |
| 29                      | 64.3                                          | 66.1 | 65.5 | 66.3         | 6.4                                | 7.0  | 5.1  | 6.2          | 7.5        | 5.0        | 5.18                                         | 4.62 | 5.85 | 5.22         | 72                                       | 61 | 87  | 73           | 16.5           | 21.4          | 28.0                     | 0.0                               |
| 30                      | 64.0                                          | 62.9 | 62.9 | 63.3         | 6.0                                | 6.5  | 4.1  | 5.5          | 6.7        | 4.1        | 5.21                                         | 5.12 | 5.82 | 5.38         | 74                                       | 70 | 95  | 80           | 9.5            | 11.0          | 15.0                     | 0.0                               |
| 31                      | 62.1                                          | 62.8 | 63.8 | 62.9         | 4.7                                | 8.2  | 5.6  | 6.2          | 9.3        | 4.2        | 5.87                                         | 5.16 | 5.14 | 5.39         | 91                                       | 63 | 76  | 77           | 21.0           | 27.4          | 38.0                     | 1.4                               |
| 3 üncü<br>onluk         | 63.4                                          | 63.1 | 63.3 | 63.3         | 8.2                                | 13.0 | 9.0  | 10.1         | 14.4       | 6.6        | 6.50                                         | 6.48 | 6.06 | 6.35         | 79                                       | 57 | 72  | 70           | 26.7           | 34.1          | 42.6                     | 60.5                              |
| Yekûn<br>Aylık<br>Vaatî | 62.6                                          | 62.3 | 62.6 | 62.5         | 7.9                                | 12.6 | 8.9  | 9.8          | 13.8       | 6.5        | 6.46                                         | 6.76 | 6.08 | 6.43         | 81                                       | 62 | 73  | 72           | 26.5           | 33.4          | 41.7                     | 196.1                             |

Mars 1936

| Tarih —<br>Date | Rüzgâr — Vent                        |    |    |    |    |    |    |              |    |    |    |    |    |    |    |                          |     | Şehap —<br>Nuage | Yağmur —<br>Pluie | Kar —<br>Neige | Müâlhazat |
|-----------------|--------------------------------------|----|----|----|----|----|----|--------------|----|----|----|----|----|----|----|--------------------------|-----|------------------|-------------------|----------------|-----------|
|                 | Tekerrür —<br>Nombre de<br>fréquence |    |    |    |    |    |    | Tekessür [*] |    |    |    |    |    |    |    | Sû'at<br>Vitesse<br>m/s. |     |                  |                   |                |           |
|                 | N                                    | NE | E  | SE | S  | SW | W  | NW           | N  | NE | E  | SE | S  | SW | W  |                          | NW  |                  |                   |                |           |
| 1               | 1                                    | 1  | —  | —  | 2  | 6  | 2  | 1            | 5  | 5  | —  | —  | 20 | 54 | 2  | 3                        | 11  | 2.1              | 1.3               | —              |           |
| 2               | —                                    | —  | —  | 1  | 7  | 9  | 4  | 1            | —  | —  | —  | 1  | 25 | 63 | 8  | 1                        | 2   | 3.8              | 0.0               | —              | p         |
| 3               | 1                                    | 2  | 1  | —  | —  | 1  | —  | 1            | 11 | 40 | 24 | —  | —  | 20 | —  | 1                        | 4   | 3.3              | 0.3               | —              | p         |
| 4               | 3                                    | 3  | —  | —  | —  | —  | —  | —            | 52 | —  | —  | —  | —  | —  | —  | —                        | 48  | 4.9              | 0.0               | —              | p         |
| 5               | 4                                    | 3  | —  | —  | —  | —  | —  | —            | 40 | 60 | —  | —  | —  | —  | —  | —                        | —   | 6.0              | 0.0               | —              |           |
| 6               | 1                                    | 1  | 1  | 1  | 1  | 1  | 2  | 1            | 21 | 13 | 6  | 4  | 1  | 39 | 6  | 10                       | —   | 5.8              | 8.7               | —              |           |
| 7               | 6                                    | 4  | 2  | 1  | 2  | 4  | 4  | 2            | 21 | 19 | 3  | 2  | 6  | 33 | 4  | 6                        | 6   | 3.4              | 8.7               | 1.3            |           |
| 8               | 5                                    | 5  | —  | —  | —  | —  | —  | —            | 70 | 30 | —  | —  | —  | —  | —  | —                        | —   | 6.5              | 6.7               | —              | ●         |
| 9               | 1                                    | 1  | 2  | 3  | 2  | 1  | —  | —            | 31 | 9  | 18 | 5  | 2  | 3  | —  | 32                       | 5.2 | 3.3              | —                 |                |           |
| 10              | 1                                    | 1  | —  | —  | —  | 1  | 2  | 1            | 19 | 55 | —  | —  | —  | 2  | 12 | 2                        | 10  | 2.0              | 10.0              | —              | p         |
| 1 inci onluk    | 23                                   | 21 | 6  | 6  | 14 | 23 | 14 | 7            | 27 | 23 | 5  | 1  | 6  | 22 | 3  | 2                        | 11  | 4.3              | 3.9               | 1.3            |           |
| 11              | 2                                    | 1  | 1  | —  | —  | 2  | 3  | 2            | 6  | 6  | 38 | —  | —  | 5  | 16 | 2                        | 27  | 2.7              | 0.7               | —              |           |
| 12              | —                                    | —  | —  | —  | 2  | 2  | —  | —            | —  | —  | —  | —  | 33 | 60 | —  | —                        | 7   | 2.2              | 0.0               | —              | p         |
| 13              | —                                    | —  | —  | 2  | 8  | 7  | 1  | —            | —  | —  | —  | 1  | 51 | 39 | 1  | —                        | 8   | 3.2              | 0.7               | —              |           |
| 14              | 2                                    | —  | —  | —  | 5  | 7  | 5  | 4            | 19 | —  | —  | —  | 16 | 29 | 8  | 17                       | 11  | 3.3              | 10.0              | 1.7            | ●         |
| 15              | 2                                    | 2  | —  | —  | —  | —  | —  | —            | 25 | 75 | —  | —  | —  | —  | —  | —                        | —   | 4.5              | 10.0              | —              |           |
| 16              | —                                    | 6  | 5  | —  | —  | —  | —  | —            | 41 | 59 | —  | —  | —  | —  | —  | —                        | —   | 5.0              | 6.3               | —              |           |
| 17              | —                                    | 3  | 4  | —  | —  | —  | —  | —            | 30 | 70 | —  | —  | —  | —  | —  | —                        | —   | 4.3              | 9.0               | 0.4            | ●         |
| 18              | 3                                    | 7  | 5  | —  | —  | —  | —  | 1            | 3  | 72 | 20 | —  | —  | —  | —  | 1                        | 4   | 6.1              | 10.0              | 16.3           | ●         |
| 19              | 6                                    | 5  | —  | —  | —  | —  | —  | —            | 55 | 45 | —  | —  | —  | —  | —  | —                        | —   | 4.6              | 10.0              | [*] 0.7        | ●         |
| 20              | 1                                    | 3  | 2  | —  | —  | —  | —  | —            | 34 | 42 | 22 | —  | —  | —  | —  | —                        | 2   | 6.3              | 4.3               | —              | ●         |
| 2 inci onluk    | 16                                   | 27 | 17 | 2  | 15 | 18 | 9  | 7            | 14 | 31 | 21 | —  | 10 | 13 | 3  | 2                        | 6   | 4.4              | 6.1               | 19.1           |           |
| 21              | 2                                    | 4  | 2  | —  | —  | —  | —  | —            | 8  | 87 | 5  | —  | —  | —  | —  | —                        | —   | 4.1              | 5.3               | —              | p         |
| 22              | 1                                    | 3  | 3  | 3  | 3  | 1  | —  | —            | 10 | 20 | 26 | 15 | 26 | 3  | —  | —                        | —   | 5.5              | 6.3               | —              |           |
| 23              | —                                    | —  | —  | —  | 2  | 2  | —  | —            | —  | —  | —  | —  | 11 | 89 | —  | —                        | —   | 3.8              | 5.3               | —              |           |
| 24              | —                                    | —  | —  | —  | 5  | 6  | —  | —            | —  | —  | —  | —  | 36 | 64 | —  | —                        | —   | 5.4              | 3.3               | —              | p         |
| 25              | —                                    | —  | —  | —  | —  | 1  | —  | —            | —  | —  | —  | —  | —  | 71 | —  | —                        | 29  | 3.1              | 1.7               | —              | p         |
| 26              | 1                                    | 1  | 1  | 1  | —  | 1  | 1  | 1            | 18 | 33 | 27 | 5  | —  | 5  | 4  | 2                        | 6   | 2.5              | 4.0               | —              |           |
| 27              | 2                                    | —  | 1  | 1  | 2  | 2  | 1  | 2            | 4  | —  | 1  | 26 | 27 | 27 | 2  | 4                        | 9   | 2.6              | 4.0               | —              |           |
| 28              | 1                                    | 1  | —  | —  | —  | 1  | —  | —            | 35 | 58 | —  | —  | —  | 7  | —  | —                        | —   | 6.0              | 4.0               | 0.7            | ●         |
| 29              | —                                    | 2  | 1  | —  | —  | —  | —  | —            | —  | 94 | 6  | —  | —  | —  | —  | —                        | —   | 8.3              | 10.0              | 0.2            | ●         |
| 30              | 6                                    | 6  | —  | —  | —  | —  | —  | —            | 26 | 74 | —  | —  | —  | —  | —  | —                        | —   | 7.4              | 10.0              | 2.4            | ●         |
| 31              | 6                                    | 5  | —  | —  | —  | —  | —  | —            | 35 | 45 | —  | —  | —  | —  | —  | —                        | 20  | 5.2              | 10.0              | —              | ●         |
| 3 üncü onluk    | 19                                   | 22 | 8  | 5  | 12 | 14 | 2  | 3            | 12 | 37 | 6  | 4  | 6  | 22 | 6  | 1                        | 6   | 4.9              | 5.8               | 3.3            |           |
| Yekûn           | 58                                   | 70 | 31 | 13 | 41 | 55 | 25 | 17           | 18 | 32 | 10 | 2  | 8  | 20 | 2  | 2                        | 6   | 4.6              | 4.6               | 23.7           |           |
| Aylık Vasatı    |                                      |    |    |    |    |    |    |              |    |    |    |    |    |    |    |                          |     |                  |                   |                |           |

[\*] Bir gün zarfında herhangi bir cihetten esen rüzgârın devam müddetinin gün müddetine nisbetinin yüzdesi.  
 Pourcentage de la proportion de la durée de chaque direction du vent à 24 h.

# Barometre

| Gün<br>Jour       | SAAT — HEURE |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       | Vasatı<br>Moyen |  |
|-------------------|--------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-----------------|--|
|                   | 1            | 2     | 3     | 4     | 5     | 6     | 7     | 8     | 9     | 10    | 11    | 12    | 13    | 14    | 15    | 16    | 17    | 18    | 19    | 20    | 21    | 22    | 23    | 24    |                 |  |
| 1                 | 65.5         | 65.5  | 65.6  | 65.5  | 65.4  | 65.3  | 65.3  | 65.3  | 65.4  | 65.5  | 65.2  | 64.6  | 64.2  | 64.1  | 64.1  | 64.2  | 64.3  | 64.3  | 64.2  | 64.1  | 64.0  | 63.9  | 63.6  | 63.5  | 64.7            |  |
| 2                 | 63.3         | 63.2  | 63.0  | 62.8  | 62.8  | 62.9  | 62.9  | 63.3  | 63.5  | 63.8  | 63.7  | 63.4  | 62.9  | 62.8  | 62.7  | 62.9  | 62.9  | 63.0  | 63.1  | 63.2  | 63.3  | 63.4  | 63.3  | 63.2  | 63.1            |  |
| 3                 | 63.3         | 63.4  | 63.5  | 63.0  | 63.0  | 63.0  | 63.1  | 63.3  | 63.6  | 63.8  | 63.7  | 62.7  | 62.2  | 62.0  | 62.1  | 62.0  | 61.9  | 61.9  | 62.0  | 61.7  | 61.7  | 61.6  | 61.4  | 61.0  | 62.5            |  |
| 4                 | 60.9         | 60.8  | 60.6  | 60.0  | 59.8  | 59.8  | 59.7  | 59.8  | 60.0  | 60.2  | 59.5  | 59.2  | 58.7  | 58.5  | 58.6  | 58.6  | 58.7  | 59.0  | 59.1  | 59.1  | 59.1  | 59.1  | 59.2  | 59.1  | 59.5            |  |
| 5                 | 58.8         | 58.6  | 58.7  | 58.7  | 58.4  | 58.4  | 58.6  | 58.7  | 58.8  | 58.9  | 58.9  | 58.5  | 58.0  | 57.8  | 57.7  | 57.8  | 57.8  | 57.9  | 58.0  | 58.1  | 58.1  | 58.2  | 58.2  | 58.1  | 58.3            |  |
| 6                 | 58.1         | 58.1  | 58.3  | 58.3  | 58.4  | 58.7  | 59.3  | 59.8  | 60.2  | 60.7  | 60.7  | 60.6  | 60.5  | 60.7  | 61.0  | 61.4  | 61.9  | 62.2  | 62.8  | 63.1  | 63.3  | 63.6  | 63.9  | 64.1  | 60.8            |  |
| 7                 | 64.1         | 64.4  | 64.9  | 64.8  | 64.8  | 64.9  | 65.2  | 65.4  | 65.7  | 65.9  | 65.8  | 65.6  | 65.4  | 65.4  | 65.5  | 65.6  | 65.8  | 65.9  | 66.2  | 66.3  | 66.2  | 66.4  | 66.6  | 66.6  | 65.6            |  |
| 8                 | 66.6         | 66.7  | 66.8  | 66.8  | 66.7  | 66.6  | 66.7  | 66.8  | 67.0  | 67.3  | 67.3  | 67.1  | 67.0  | 66.8  | 66.7  | 66.9  | 66.9  | 66.9  | 67.0  | 67.0  | 66.7  | 66.6  | 66.6  | 66.2  | 66.8            |  |
| 9                 | 65.9         | 65.8  | 65.8  | 65.3  | 65.6  | 65.7  | 65.9  | 66.1  | 66.5  | 66.6  | 66.7  | 66.5  | 66.4  | 66.3  | 66.2  | 66.3  | 66.5  | 66.6  | 66.7  | 66.8  | 66.8  | 66.6  | 66.9  | 67.1  | 66.3            |  |
| 10                | 67.1         | 67.2  | 67.4  | 67.4  | 67.3  | 67.2  | 67.4  | 67.5  | 67.9  | 68.2  | 68.6  | 68.3  | 67.9  | 67.4  | 67.2  | 67.2  | 67.1  | 67.3  | 67.4  | 67.4  | 67.3  | 67.4  | 67.3  | 67.0  | 67.5            |  |
| 1 inci<br>onluk   | 633.6        | 623.7 | 634.6 | 633.0 | 632.2 | 632.5 | 634.1 | 636.0 | 638.6 | 640.9 | 639.8 | 636.5 | 633.2 | 631.8 | 631.7 | 632.9 | 633.8 | 635.0 | 636.5 | 636.8 | 636.5 | 637.1 | 636.9 | 635.9 | 63.5            |  |
| 11                | 66.5         | 66.0  | 65.8  | 65.5  | 65.0  | 64.8  | 64.8  | 64.3  | 64.4  | 64.0  | 63.6  | 63.1  | 62.5  | 62.1  | 61.8  | 61.5  | 61.3  | 61.3  | 61.6  | 61.5  | 61.4  | 61.2  | 61.2  | 61.0  | 63.2            |  |
| 12                | 61.0         | 60.9  | 61.2  | 61.1  | 61.4  | 61.6  | 61.7  | 61.6  | 61.9  | 62.6  | 63.0  | 62.8  | 62.4  | 62.0  | 61.7  | 61.6  | 61.3  | 61.7  | 61.8  | 61.7  | 61.4  | 61.7  | 62.2  | 62.4  | 61.8            |  |
| 13                | 62.3         | 63.0  | 63.5  | 63.2  | 63.4  | 63.6  | 63.9  | 64.0  | 64.3  | 64.8  | 64.9  | 64.7  | 64.3  | 64.1  | 63.9  | 64.3  | 64.7  | 64.6  | 63.8  | 63.3  | 63.3  | 65.7  | 65.7  | 65.8  | 64.4            |  |
| 14                | 65.6         | 65.5  | 65.4  | 65.3  | 65.1  | 65.0  | 65.2  | 65.3  | 65.4  | 65.4  | 65.4  | 64.9  | 64.4  | 64.0  | 64.0  | 64.1  | 63.9  | 63.8  | 63.6  | 63.6  | 63.4  | 63.3  | 63.3  | 63.1  | 64.5            |  |
| 15                | 63.0         | 63.0  | 63.1  | 62.8  | 62.8  | 63.1  | 64.1  | 64.7  | 65.4  | 65.9  | 66.4  | 66.5  | 66.4  | 66.3  | 66.2  | 66.5  | 66.6  | 66.6  | 66.7  | 66.7  | 66.7  | 66.6  | 66.7  | 66.8  | 65.4            |  |
| 16                | 66.7         | 66.8  | 66.8  | 66.8  | 66.6  | 66.8  | 66.9  | 67.0  | 67.3  | 67.3  | 67.4  | 67.0  | 66.0  | 65.7  | 65.6  | 65.5  | 65.4  | 65.4  | 65.2  | 64.9  | 64.6  | 64.2  | 64.0  | 63.7  | 66.0            |  |
| 17                | 63.2         | 62.7  | 62.2  | 61.7  | 61.0  | 60.8  | 60.6  | 60.5  | 60.4  | 60.4  | 60.2  | 59.5  | 59.1  | 58.6  | 58.6  | 58.6  | 58.5  | 58.9  | 59.1  | 59.2  | 59.0  | 58.8  | 58.7  | 58.7  | 60.0            |  |
| 18                | 58.5         | 58.5  | 58.5  | 58.5  | 58.3  | 58.3  | 58.7  | 58.9  | 59.2  | 59.4  | 59.5  | 59.2  | 58.8  | 58.5  | 58.6  | 58.6  | 58.6  | 58.6  | 58.8  | 58.8  | 58.6  | 58.5  | 58.8  | 58.6  | 58.7            |  |
| 19                | 58.6         | 58.6  | 58.9  | 58.9  | 59.1  | 59.2  | 59.5  | 59.8  | 60.1  | 60.8  | 61.1  | 60.6  | 60.7  | 60.4  | 60.5  | 60.8  | 61.1  | 61.6  | 62.2  | 62.5  | 62.9  | 63.2  | 63.5  | 63.8  | 60.8            |  |
| 20                | 63.9         | 64.1  | 64.3  | 64.3  | 64.3  | 64.5  | 64.6  | 65.0  | 65.2  | 65.6  | 65.7  | 65.0  | 64.4  | 63.9  | 63.8  | 63.7  | 63.4  | 63.4  | 63.5  | 63.4  | 63.5  | 63.4  | 63.2  | 63.1  | 64.1            |  |
| 2 inci<br>onluk   | 629.3        | 629.1 | 629.7 | 628.1 | 627.0 | 627.7 | 630.0 | 631.1 | 633.6 | 636.2 | 637.2 | 633.3 | 629.0 | 625.6 | 624.7 | 625.2 | 624.8 | 625.9 | 627.8 | 627.6 | 627.2 | 626.6 | 627.5 | 627.0 | 62.9            |  |
| 21                | 62.7         | 62.2  | 61.9  | 61.8  | 61.7  | 61.4  | 61.6  | 61.8  | 62.1  | 62.2  | 62.1  | 61.6  | 61.4  | 61.3  | 61.3  | 61.1  | 61.0  | 61.2  | 61.5  | 61.8  | 62.1  | 62.2  | 62.3  | 62.2  | 61.8            |  |
| 22                | 62.4         | 62.6  | 62.7  | 62.6  | 62.6  | 62.8  | 63.0  | 63.5  | 63.9  | 64.1  | 64.5  | 64.4  | 63.9  | 63.7  | 63.7  | 63.5  | 63.3  | 63.3  | 63.3  | 63.3  | 63.5  | 63.5  | 63.4  | 63.1  | 63.4            |  |
| 23                | 62.7         | 62.5  | 62.1  | 61.8  | 61.2  | 60.6  | 60.1  | 59.7  | 60.0  | 60.0  | 59.7  | 59.0  | 58.2  | 57.2  | 56.7  | 56.7  | 56.2  | 56.2  | 56.3  | 56.8  | 56.5  | 56.0  | 56.2  | 56.2  | 58.6            |  |
| 24                | 56.5         | 56.4  | 57.6  | 58.7  | 59.8  | 60.6  | 61.6  | 62.7  | 63.3  | 64.0  | 64.5  | 64.9  | 64.9  | 65.1  | 65.4  | 65.8  | 66.0  | 66.3  | 66.9  | 67.2  | 67.8  | 67.8  | 67.9  | 67.7  | 63.8            |  |
| 25                | 67.4         | 66.8  | 66.7  | 66.4  | 66.4  | 66.0  | 65.9  | 66.0  | 66.2  | 66.2  | 66.2  | 65.7  | 65.4  | 65.3  | 65.2  | 65.0  | 64.9  | 64.7  | 64.6  | 64.6  | 64.6  | 64.5  | 64.4  | 64.3  | 65.6            |  |
| 26                | 64.1         | 63.9  | 63.7  | 63.5  | 63.4  | 63.3  | 63.6  | 63.7  | 64.0  | 63.9  | 64.0  | 63.8  | 63.0  | 62.9  | 63.0  | 62.9  | 62.7  | 62.5  | 62.4  | 62.3  | 62.1  | 62.0  | 61.8  | 61.9  | 63.1            |  |
| 27                | 61.4         | 61.4  | 61.7  | 61.8  | 61.4  | 61.3  | 61.3  | 61.7  | 61.8  | 61.7  | 61.7  | 61.2  | 60.7  | 60.0  | 59.8  | 59.8  | 60.3  | 59.8  | 59.9  | 59.7  | 59.6  | 59.5  | 59.5  | 59.3  | 60.7            |  |
| 28                | 59.0         | 53.8  | 58.6  | 58.3  | 58.1  | 58.0  | 57.9  | 57.6  | 57.1  | 56.5  | 56.8  | 55.8  | 55.2  | 54.9  | 54.8  | 54.0  | 53.3  | 53.2  | 53.0  | 52.6  | 54.8  | 54.1  | 53.3  | 53.0  | 55.8            |  |
| 29                | 52.8         | 52.8  | 52.7  | 52.5  | 52.4  | 52.4  | 52.4  | 52.6  | 52.7  | 52.8  | 52.4  | 51.9  | 51.7  | 51.4  | 51.1  | 51.3  | 51.3  | 51.5  | 52.0  | 52.3  | 52.5  | 52.6  | 52.9  | 53.0  | 52.2            |  |
| 30                | 53.0         | 53.4  | 53.5  | 53.8  | 54.1  | 54.3  | 55.2  | 55.9  | 56.4  | 56.9  | 57.3  | 57.4  | 57.5  | 57.8  | 58.3  | 58.6  | 59.2  | 59.4  | 59.8  | 59.9  | 60.1  | 60.4  | 60.6  | 60.8  | 57.2            |  |
| 31                | 60.9         | 61.0  | 60.9  | 60.5  | 60.5  | 60.5  | 60.5  | 60.5  | 61.0  | 60.9  | 60.9  | 60.6  | 60.3  | 60.0  | 60.0  | 60.0  | 60.1  | 59.6  | 60.1  | 59.7  | 59.6  | 59.3  | 58.9  | 58.5  | 60.2            |  |
| 3 inci<br>onluk   | 662.9        | 661.8 | 662.1 | 661.7 | 661.6 | 661.2 | 663.1 | 665.7 | 668.5 | 669.6 | 670.7 | 666.3 | 662.2 | 659.6 | 659.3 | 658.7 | 658.3 | 657.7 | 659.8 | 659.7 | 662.5 | 661.9 | 661.0 | 660.0 | 60.2            |  |
| Saatlik<br>Vasatı | 62.1         | 61.8  | 62.1  | 62.0  | 62.0  | 62.0  | 62.2  | 62.4  | 62.6  | 62.8  | 62.8  | 62.5  | 62.1  | 61.8  | 61.8  | 61.8  | 61.8  | 61.9  | 62.1  | 62.1  | 62.1  | 62.1  | 62.1  | 62.0  | 62.1            |  |

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## Barometre

## SAAT—HEURE

| Gün<br>Jour       | 1     | 2     | 3     | 4     | 5     | 6     | 7     | 8     | 9     | 10    | 11    | 12    | 13    | 14    | 15    | 16    | 17    | 18    | 19    | 20    | 21    | 22    | 23    | 24    | Vasati<br>Moyenne |
|-------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------------------|
| 1                 | 58.0  | 57.7  | 57.4  | 57.1  | 57.0  | 57.1  | 57.0  | 57.0  | 57.0  | 57.0  | 56.9  | 56.6  | 55.9  | 55.5  | 55.3  | 55.2  | 55.0  | 55.0  | 55.2  | 55.5  | 55.7  | 55.7  | 55.8  | 55.7  | 56.3              |
| 2                 | 55.3  | 55.4  | 55.6  | 54.8  | 54.9  | 55.0  | 55.1  | 55.3  | 55.6  | 55.6  | 55.3  | 54.6  | 54.1  | 53.4  | 53.4  | 53.5  | 53.4  | 53.6  | 53.3  | 53.3  | 53.7  | 53.6  | 53.2  | 53.2  | 54.4              |
| 3                 | 53.3  | 52.8  | 52.9  | 53.0  | 52.9  | 52.7  | 52.6  | 52.9  | 53.5  | 53.4  | 53.2  | 53.2  | 53.2  | 53.2  | 53.1  | 53.3  | 53.2  | 53.2  | 53.1  | 52.9  | 52.5  | 52.3  | 51.9  | 51.4  | 52.9              |
| 4                 | 51.0  | 50.8  | 51.3  | 49.8  | 49.3  | 48.7  | 48.1  | 48.0  | 47.9  | 47.6  | 46.9  | 46.3  | 45.8  | 46.0  | 48.2  | 48.0  | 46.8  | 46.7  | 46.5  | 46.7  | 46.9  | 47.2  | 47.7  | 47.6  | 48.0              |
| 5                 | 48.1  | 48.5  | 48.8  | 49.0  | 48.6  | 49.0  | 49.1  | 49.3  | 49.3  | 50.0  | 50.3  | 50.2  | 50.4  | 49.9  | 49.7  | 50.3  | 50.7  | 50.9  | 51.2  | 51.4  | 51.4  | 51.6  | 51.5  | 51.7  | 50.0              |
| 6                 | 51.9  | 52.0  | 52.2  | 52.0  | 51.7  | 51.8  | 51.9  | 52.0  | 52.1  | 52.2  | 52.4  | 52.0  | 51.7  | 51.7  | 51.7  | 52.0  | 52.2  | 52.3  | 52.5  | 52.6  | 52.7  | 52.9  | 53.0  | 53.1  | 52.2              |
| 7                 | 53.3  | 53.4  | 53.4  | 53.3  | 53.3  | 53.2  | 53.3  | 53.5  | 53.7  | 53.9  | 54.2  | 54.0  | 53.9  | 53.8  | 53.7  | 53.8  | 53.8  | 53.8  | 54.0  | 53.9  | 53.9  | 53.9  | 53.8  | 53.8  | 53.7              |
| 8                 | 53.9  | 54.2  | 54.5  | 54.6  | 54.7  | 54.9  | 55.0  | 55.7  | 55.8  | 55.9  | 56.0  | 55.8  | 55.5  | 55.0  | 54.7  | 54.6  | 54.6  | 54.7  | 54.7  | 54.6  | 54.6  | 54.6  | 54.6  | 54.8  | 54.9              |
| 9                 | 54.7  | 54.6  | 54.5  | 54.6  | 54.6  | 54.6  | 54.6  | 54.6  | 54.6  | 54.6  | 54.6  | 54.6  | 54.6  | 54.6  | 54.6  | 54.6  | 54.6  | 54.6  | 54.6  | 54.6  | 54.6  | 54.6  | 54.6  | 54.6  | 54.6              |
| 10                | 56.7  | 56.6  | 56.1  | 55.6  | 55.5  | 55.4  | 55.3  | 55.4  | 55.5  | 55.6  | 55.7  | 55.6  | 55.4  | 55.2  | 55.2  | 55.2  | 55.2  | 55.3  | 55.4  | 55.2  | 55.1  | 55.1  | 55.1  | 54.8  | 55.5              |
| 11inci<br>onluk   | 536.2 | 536.0 | 536.7 | 533.2 | 532.5 | 533.0 | 533.3 | 535.9 | 537.6 | 538.8 | 539.3 | 536.9 | 534.2 | 533.1 | 533.8 | 534.7 | 533.5 | 533.9 | 534.1 | 534.0 | 534.1 | 534.4 | 533.5 | 533.1 | 53.5              |
| 11                | 54.4  | 53.9  | 53.4  | 52.8  | 52.3  | 52.0  | 51.3  | 50.8  | 50.3  | 49.5  | 49.0  | 47.5  | 46.9  | 45.4  | 43.8  | 42.3  | 41.4  | 41.3  | 41.1  | 41.2  | 40.9  | 41.6  | 42.1  | 43.3  | 47.0              |
| 12                | 44.5  | 46.0  | 47.1  | 48.2  | 49.8  | 52.0  | 53.1  | 54.2  | 55.0  | 55.8  | 56.4  | 57.5  | 58.2  | 58.8  | 59.3  | 59.6  | 59.9  | 60.4  | 61.0  | 61.3  | 61.6  | 61.8  | 62.0  | 62.2  | 56.1              |
| 13                | 62.4  | 62.5  | 62.5  | 62.4  | 62.7  | 62.8  | 63.2  | 63.8  | 64.0  | 64.1  | 64.2  | 64.3  | 63.9  | 63.9  | 64.0  | 64.1  | 64.2  | 64.3  | 64.2  | 64.0  | 63.8  | 63.5  | 63.0  | 62.6  | 63.5              |
| 14                | 62.4  | 62.3  | 62.0  | 60.9  | 60.7  | 60.4  | 60.1  | 60.5  | 60.7  | 60.7  | 61.0  | 61.2  | 61.2  | 61.4  | 61.8  | 61.8  | 61.6  | 61.3  | 61.2  | 60.6  | 60.4  | 60.4  | 60.3  | 60.1  | 61.0              |
| 15                | 60.0  | 59.8  | 59.7  | 59.4  | 59.3  | 59.2  | 59.1  | 59.2  | 59.6  | 60.0  | 61.2  | 61.5  | 62.1  | 62.6  | 63.2  | 63.5  | 63.7  | 63.8  | 64.4  | 64.3  | 64.3  | 64.5  | 64.5  | 64.6  | 61.8              |
| 16                | 64.6  | 64.3  | 63.6  | 63.1  | 62.9  | 62.8  | 62.7  | 62.6  | 62.5  | 62.0  | 61.5  | 60.9  | 60.3  | 59.7  | 59.4  | 59.3  | 59.2  | 59.1  | 59.0  | 59.2  | 59.3  | 59.2  | 59.1  | 58.9  | 61.1              |
| 17                | 58.8  | 58.7  | 58.2  | 58.1  | 58.1  | 58.3  | 58.6  | 58.6  | 58.6  | 58.6  | 58.5  | 58.3  | 58.1  | 58.0  | 58.0  | 57.9  | 57.8  | 58.1  | 58.2  | 58.2  | 58.3  | 58.4  | 58.3  | 58.3  | 58.3              |
| 18                | 58.2  | 58.1  | 57.9  | 57.6  | 57.5  | 57.5  | 57.4  | 57.4  | 57.3  | 57.0  | 56.8  | 56.4  | 56.2  | 55.3  | 54.9  | 54.3  | 54.1  | 54.5  | 54.8  | 54.8  | 55.3  | 55.5  | 55.7  | 56.3  | 56.3              |
| 19                | 56.2  | 56.3  | 56.6  | 56.8  | 57.5  | 57.8  | 58.6  | 59.5  | 59.9  | 60.4  | 61.0  | 61.4  | 61.5  | 61.4  | 61.8  | 61.9  | 62.0  | 62.0  | 63.0  | 63.0  | 62.8  | 62.8  | 62.1  | 61.6  | 60.4              |
| 20                | 61.5  | 61.2  | 61.2  | 60.0  | 59.7  | 59.5  | 59.2  | 58.7  | 58.6  | 58.3  | 58.5  | 58.7  | 58.4  | 58.1  | 57.8  | 57.4  | 56.8  | 56.7  | 56.5  | 56.2  | 56.2  | 56.3  | 56.3  | 56.4  | 58.3              |
| 2inci<br>onluk    | 583.0 | 583.1 | 582.2 | 579.3 | 580.5 | 582.1 | 583.0 | 585.3 | 586.5 | 586.4 | 588.1 | 587.7 | 586.8 | 584.6 | 584.0 | 582.2 | 581.0 | 582.3 | 583.1 | 582.8 | 582.9 | 584.0 | 583.4 | 583.7 | 58.4              |
| 21                | 56.8  | 56.8  | 56.9  | 57.2  | 57.6  | 57.8  | 58.5  | 59.0  | 59.2  | 59.8  | 60.2  | 60.3  | 60.4  | 60.5  | 60.8  | 61.0  | 61.2  | 61.7  | 62.0  | 62.0  | 62.2  | 62.9  | 63.1  | 63.2  | 60.1              |
| 22                | 63.6  | 63.8  | 63.8  | 63.9  | 64.2  | 64.4  | 64.4  | 64.9  | 65.1  | 65.3  | 65.4  | 65.5  | 65.3  | 65.2  | 65.2  | 65.2  | 65.3  | 65.4  | 65.6  | 66.0  | 66.4  | 66.6  | 66.5  | 66.1  | 65.1              |
| 23                | 66.0  | 65.7  | 65.6  | 65.6  | 65.5  | 65.5  | 65.5  | 65.7  | 65.6  | 65.6  | 65.6  | 65.5  | 65.2  | 64.7  | 64.3  | 64.2  | 63.8  | 63.7  | 63.6  | 63.3  | 62.9  | 62.5  | 62.3  | 62.0  | 64.6              |
| 24                | 61.7  | 61.5  | 61.2  | 60.3  | 59.9  | 59.7  | 59.4  | 59.4  | 59.4  | 59.1  | 58.4  | 58.0  | 57.3  | 56.6  | 56.3  | 56.0  | 55.8  | 55.5  | 55.4  | 54.8  | 54.1  | 54.3  | 53.8  | 54.2  | 57.6              |
| 25                | 53.6  | 53.4  | 53.3  | 52.8  | 52.4  | 52.0  | 51.5  | 52.1  | 52.1  | 52.1  | 52.2  | 52.2  | 52.2  | 52.3  | 52.6  | 53.0  | 53.5  | 54.2  | 54.7  | 55.0  | 55.3  | 55.7  | 55.8  | 56.2  | 53.3              |
| 26                | 56.9  | 57.0  | 56.6  | 56.6  | 56.8  | 56.8  | 56.9  | 57.3  | 57.8  | 57.9  | 58.1  | 58.2  | 58.2  | 57.9  | 58.3  | 58.5  | 59.0  | 59.8  | 60.3  | 61.1  | 61.6  | 62.2  | 62.7  | 62.7  | 58.7              |
| 27                | 63.7  | 64.2  | 64.3  | 64.5  | 64.9  | 65.2  | 65.7  | 66.2  | 66.5  | 66.8  | 67.0  | 67.2  | 67.0  | 66.7  | 66.4  | 66.7  | 66.3  | 66.6  | 66.5  | 66.4  | 66.2  | 66.1  | 65.9  | 65.5  | 65.9              |
| 28                | 65.5  | 65.0  | 64.5  | 64.3  | 64.1  | 63.8  | 63.8  | 64.1  | 63.4  | 62.9  | 62.4  | 61.6  | 61.1  | 60.6  | 59.5  | 58.7  | 58.0  | 57.5  | 57.1  | 57.1  | 56.7  | 56.3  | 55.7  | 55.5  | 60.8              |
| 29                | 55.6  | 55.7  | 55.6  | 55.6  | 55.9  | 56.2  | 56.3  | 56.4  | 56.6  | 56.8  | 56.9  | 57.0  | 57.5  | 57.0  | 56.6  | 56.6  | 56.2  | 56.6  | 56.9  | 57.0  | 56.9  | 56.7  | 56.5  | 56.5  | 56.5              |
| 3üncü<br>onluk    | 543.4 | 543.1 | 541.8 | 540.8 | 541.3 | 541.4 | 542.0 | 545.1 | 545.6 | 546.3 | 546.2 | 545.5 | 544.2 | 541.5 | 540.0 | 539.9 | 539.1 | 540.6 | 542.1 | 542.7 | 542.6 | 543.3 | 542.3 | 542.2 | 60.3              |
| Saatlik<br>Vasati | 57.3  | 57.3  | 57.3  | 57.0  | 57.0  | 57.1  | 57.2  | 57.5  | 57.6  | 57.6  | 57.7  | 57.6  | 57.4  | 57.2  | 57.2  | 57.1  | 57.0  | 57.1  | 57.2  | 57.2  | 57.2  | 57.3  | 57.2  | 57.2  | 57.3              |

## SAAT — HEURE

Vasati  
Moyen

| Gün<br>Jour       | 1     | 2     | 3     | 4     | 5     | 6     | 7     | 8     | 9     | 10    | 11    | 12    | 13    | 14    | 15    | 16    | 17    | 18    | 19    | 20    | 21    | 22    | 23    | 24    | Vasati<br>Moyen |
|-------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-----------------|
| 1                 | 56.6  | 56.7  | 56.7  | 56.6  | 56.9  | 57.3  | 58.0  | 58.1  | 58.1  | 58.1  | 58.1  | 57.8  | 57.3  | 56.7  | 56.5  | 56.3  | 56.0  | 56.0  | 56.0  | 56.0  | 55.9  | 55.9  | 55.9  | 55.8  | 56.8            |
| 2                 | 55.8  | 55.8  | 55.8  | 55.7  | 55.7  | 55.8  | 56.3  | 56.4  | 56.4  | 56.5  | 56.6  | 56.5  | 56.0  | 55.8  | 56.0  | 56.6  | 57.0  | 57.8  | 58.8  | 59.1  | 59.5  | 60.3  | 60.5  | 60.8  | 57.1            |
| 3                 | 61.2  | 61.0  | 62.0  | 62.1  | 62.5  | 63.1  | 63.7  | 64.3  | 64.7  | 65.2  | 65.4  | 65.5  | 65.5  | 65.7  | 66.0  | 66.2  | 66.6  | 66.9  | 67.3  | 67.4  | 67.8  | 68.0  | 68.2  | 68.4  | 65.2            |
| 4                 | 68.4  | 68.5  | 68.5  | 68.8  | 69.0  | 69.2  | 69.3  | 69.5  | 70.0  | 69.9  | 69.9  | 69.6  | 69.2  | 69.1  | 69.0  | 68.9  | 68.8  | 68.8  | 69.1  | 69.2  | 69.3  | 69.3  | 68.8  | 68.6  | 69.1            |
| 5                 | 68.3  | 68.1  | 68.0  | 67.9  | 67.9  | 68.0  | 67.9  | 68.1  | 68.0  | 67.6  | 66.9  | 66.3  | 65.4  | 65.1  | 64.6  | 64.4  | 64.3  | 64.0  | 63.8  | 63.5  | 63.2  | 62.8  | 62.4  | 62.4  | 65.8            |
| 6                 | 62.3  | 61.5  | 61.1  | 60.9  | 60.4  | 60.2  | 59.7  | 59.5  | 59.0  | 58.5  | 58.0  | 57.3  | 57.0  | 56.0  | 55.2  | 54.4  | 53.8  | 53.2  | 52.5  | 52.1  | 51.4  | 51.6  | 51.2  | 51.2  | 57.2            |
| 7                 | 54.5  | 54.5  | 54.6  | 54.9  | 55.1  | 55.4  | 55.8  | 56.2  | 56.4  | 56.5  | 56.8  | 56.9  | 56.7  | 56.4  | 56.3  | 56.2  | 56.0  | 56.1  | 56.3  | 56.3  | 56.8  | 57.4  | 57.4  | 57.9  | 56.1            |
| 8                 | 58.1  | 58.2  | 58.4  | 58.1  | 58.3  | 58.6  | 59.3  | 59.7  | 60.3  | 60.8  | 61.2  | 61.3  | 61.4  | 61.2  | 61.0  | 61.6  | 62.0  | 62.3  | 62.7  | 63.2  | 63.8  | 64.1  | 64.2  | 64.3  | 61.0            |
| 9                 | 64.1  | 64.5  | 64.5  | 64.7  | 64.8  | 65.0  | 65.5  | 65.8  | 66.0  | 66.3  | 66.5  | 66.4  | 66.3  | 66.1  | 66.0  | 66.0  | 66.0  | 66.0  | 66.1  | 66.1  | 66.1  | 66.1  | 66.1  | 65.9  | 65.7            |
| 10                | 65.7  | 65.6  | 65.2  | 65.0  | 64.8  | 64.9  | 65.2  | 65.3  | 65.4  | 65.5  | 65.6  | 65.2  | 65.0  | 64.7  | 64.8  | 64.7  | 64.7  | 64.9  | 65.1  | 65.2  | 65.3  | 65.3  | 65.2  | 65.1  | 65.1            |
| 1 inci<br>onluk   | 615.3 | 615.0 | 614.8 | 614.7 | 615.4 | 617.5 | 620.7 | 622.9 | 624.3 | 624.9 | 625.0 | 622.8 | 619.8 | 616.8 | 615.8 | 615.3 | 615.2 | 616.0 | 617.7 | 618.1 | 622.1 | 624.8 | 623.9 | 623.8 | 61.9            |
| 11                | 65.1  | 65.0  | 64.9  | 64.6  | 64.6  | 64.7  | 65.0  | 65.2  | 65.3  | 65.4  | 65.5  | 65.3  | 64.8  | 64.4  | 64.2  | 63.8  | 63.7  | 63.7  | 63.8  | 64.0  | 64.1  | 64.1  | 64.1  | 64.1  | 64.6            |
| 12                | 63.9  | 63.8  | 63.3  | 63.3  | 63.3  | 63.6  | 64.0  | 64.4  | 64.4  | 64.3  | 64.2  | 64.0  | 63.5  | 63.0  | 62.7  | 62.6  | 62.5  | 62.3  | 62.5  | 62.6  | 62.7  | 62.8  | 62.7  | 62.7  | 63.3            |
| 13                | 62.6  | 62.4  | 62.2  | 62.0  | 61.9  | 61.9  | 61.9  | 62.0  | 61.9  | 61.6  | 61.8  | 61.6  | 61.1  | 60.6  | 60.4  | 60.0  | 59.6  | 59.5  | 59.4  | 59.3  | 59.2  | 59.1  | 59.0  | 58.6  | 60.8            |
| 14                | 59.0  | 59.0  | 58.8  | 58.7  | 58.8  | 58.8  | 58.4  | 58.6  | 58.5  | 58.4  | 58.2  | 58.0  | 57.6  | 57.0  | 56.6  | 56.7  | 56.7  | 57.2  | 57.3  | 57.0  | 56.8  | 57.0  | 57.2  | 57.2  | 57.8            |
| 15                | 57.3  | 57.2  | 57.3  | 57.5  | 57.8  | 58.4  | 59.1  | 59.5  | 6.00  | 60.6  | 60.8  | 61.1  | 61.0  | 61.0  | 60.9  | 60.8  | 60.9  | 61.0  | 61.3  | 61.6  | 61.8  | 61.8  | 61.8  | 61.8  | 60.1            |
| 16                | 61.7  | 61.7  | 61.5  | 61.5  | 61.5  | 61.6  | 61.7  | 61.9  | 62.0  | 62.0  | 62.0  | 61.8  | 61.2  | 60.9  | 60.9  | 60.7  | 60.7  | 61.1  | 61.3  | 61.4  | 61.6  | 61.6  | 61.7  | 61.6  | 61.5            |
| 17                | 61.5  | 61.3  | 61.1  | 60.9  | 61.2  | 61.3  | 61.6  | 61.9  | 62.1  | 62.2  | 62.2  | 62.0  | 61.8  | 61.4  | 61.4  | 61.5  | 61.6  | 61.9  | 61.7  | 62.3  | 62.5  | 62.3  | 62.3  | 62.3  | 61.8            |
| 18                | 62.3  | 62.0  | 61.6  | 61.7  | 61.8  | 62.2  | 62.8  | 62.8  | 62.6  | 62.3  | 62.3  | 62.2  | 62.2  | 61.9  | 61.3  | 61.1  | 61.3  | 62.0  | 61.6  | 61.5  | 62.0  | 62.2  | 62.1  | 62.0  | 62.0            |
| 19                | 62.2  | 62.2  | 62.0  | 62.1  | 62.4  | 62.6  | 63.1  | 63.5  | 63.7  | 64.0  | 64.0  | 64.0  | 64.1  | 63.9  | 63.8  | 63.7  | 63.7  | 63.9  | 64.2  | 64.4  | 64.6  | 64.7  | 64.8  | 64.9  | 63.6            |
| 20                | 64.9  | 65.0  | 65.1  | 65.1  | 65.2  | 65.3  | 65.5  | 66.0  | 66.3  | 66.6  | 66.6  | 66.8  | 66.7  | 66.6  | 66.6  | 66.6  | 66.7  | 66.9  | 67.0  | 67.2  | 67.4  | 67.6  | 67.9  | 67.8  | 66.4            |
| 2 inci<br>onluk   | 620.5 | 619.6 | 617.8 | 617.4 | 618.4 | 620.4 | 623.1 | 625.8 | 626.8 | 627.4 | 627.6 | 626.8 | 624.0 | 620.7 | 618.8 | 617.5 | 617.4 | 619.5 | 620.2 | 621.3 | 622.7 | 623.2 | 623.6 | 622.7 | 62.2            |
| 21                | 67.7  | 67.8  | 67.6  | 67.5  | 67.9  | 68.4  | 68.7  | 69.3  | 69.6  | 70.1  | 70.2  | 70.3  | 70.2  | 70.2  | 70.3  | 70.5  | 70.7  | 71.1  | 71.4  | 71.7  | 71.8  | 71.8  | 71.7  | 71.4  | 69.9            |
| 22                | 71.2  | 70.8  | 70.8  | 70.8  | 70.7  | 70.7  | 70.9  | 71.1  | 71.3  | 71.3  | 70.9  | 70.4  | 69.8  | 69.3  | 68.9  | 68.3  | 68.1  | 68.3  | 68.3  | 68.4  | 68.2  | 68.0  | 67.7  | 67.4  | 69.7            |
| 23                | 67.1  | 66.9  | 66.7  | 66.7  | 66.5  | 66.8  | 67.0  | 67.1  | 66.9  | 66.8  | 66.7  | 66.6  | 65.8  | 65.3  | 64.9  | 64.6  | 64.4  | 64.3  | 64.4  | 64.5  | 65.1  | 65.3  | 65.3  | 65.1  | 65.9            |
| 24                | 65.0  | 64.8  | 64.6  | 64.6  | 64.5  | 64.6  | 64.7  | 64.7  | 65.0  | 65.2  | 65.4  | 65.4  | 65.2  | 64.9  | 64.4  | 63.9  | 63.7  | 63.7  | 63.6  | 63.6  | 63.6  | 63.6  | 63.6  | 63.5  | 64.4            |
| 25                | 63.3  | 63.1  | 62.9  | 62.6  | 62.3  | 62.4  | 62.6  | 62.8  | 63.0  | 63.1  | 62.5  | 62.0  | 61.2  | 60.7  | 60.4  | 60.1  | 59.7  | 59.7  | 59.7  | 59.7  | 60.3  | 60.3  | 60.3  | 60.2  | 61.5            |
| 26                | 60.3  | 60.2  | 60.0  | 60.0  | 60.0  | 60.0  | 60.2  | 60.3  | 60.5  | 60.4  | 60.3  | 59.9  | 59.3  | 58.9  | 58.6  | 58.3  | 58.0  | 58.0  | 57.8  | 57.8  | 57.6  | 57.4  | 57.1  | 57.1  | 59.1            |
| 27                | 56.7  | 56.5  | 56.5  | 56.4  | 56.3  | 56.6  | 56.9  | 56.6  | 57.0  | 56.8  | 56.6  | 55.8  | 55.7  | 55.6  | 55.6  | 55.7  | 55.4  | 55.2  | 55.2  | 55.5  | 54.6  | 55.6  | 55.6  | 55.5  | 56.0            |
| 28                | 55.4  | 55.4  | 55.1  | 55.0  | 55.1  | 55.3  | 55.7  | 56.0  | 56.4  | 56.9  | 56.9  | 57.1  | 57.3  | 57.5  | 57.8  | 58.0  | 58.3  | 59.1  | 59.8  | 61.0  | 61.5  | 61.8  | 62.0  | 62.3  | 57.8            |
| 29                | 62.7  | 62.0  | 63.0  | 63.3  | 63.6  | 63.8  | 64.3  | 64.8  | 65.5  | 66.1  | 66.3  | 66.3  | 66.2  | 66.1  | 66.0  | 65.8  | 65.8  | 65.7  | 65.8  | 66.0  | 65.5  | 65.1  | 64.8  | 64.8  | 65.0            |
| 30                | 64.8  | 64.6  | 64.3  | 64.2  | 64.1  | 64.0  | 64.0  | 64.0  | 64.2  | 64.0  | 64.0  | 63.8  | 63.3  | 62.9  | 62.8  | 62.6  | 62.6  | 62.6  | 62.6  | 62.8  | 62.9  | 62.9  | 62.7  | 62.5  | 63.5            |
| 31                | 62.3  | 62.1  | 61.9  | 61.9  | 61.6  | 61.8  | 62.1  | 62.3  | 62.7  | 62.7  | 62.8  | 62.9  | 62.9  | 62.8  | 62.8  | 62.8  | 62.9  | 63.2  | 63.3  | 63.5  | 63.8  | 63.9  | 64.0  | 64.0  | 62.8            |
| 3 inci<br>onluk   | 696.5 | 695.0 | 693.4 | 692.8 | 692.6 | 694.4 | 697.0 | 699.0 | 702.1 | 703.4 | 702.6 | 700.5 | 696.9 | 694.0 | 692.5 | 690.6 | 689.6 | 690.9 | 691.9 | 695.4 | 696.1 | 695.9 | 695.1 | 693.8 | 63.2            |
| Serelik<br>Vasati | 62.3  | 62.2  | 62.1  | 62.1  | 62.1  | 62.1  | 62.3  | 62.6  | 62.8  | 63.0  | 63.1  | 62.9  | 62.6  | 62.3  | 62.2  | 62.1  | 62.0  | 62.1  | 62.3  | 62.4  | 62.6  | 62.7  | 62.7  | 62.7  | 62.5            |

## S A A T — H E U R E

| Gün<br>Jour     | S A A T — H E U R E |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       | Vasatı<br>Moyen |
|-----------------|---------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-----------------|
|                 | 1                   | 2     | 3     | 4     | 5     | 6     | 7     | 8     | 9     | 10    | 11    | 12    | 13    | 14    | 15    | 16    | 17    | 18    | 19    | 20    | 21    | 22    | 23    | 24    |                 |
| 1               | 5,7                 | 5,7   | 5,6   | 5,6   | 5,4   | 5,0   | 4,9   | 5,3   | 6,5   | 8,1   | 10,3  | 10,4  | 11,0  | 9,8   | 8,6   | 7,2   | 5,4   | 5,0   | 5,3   | 5,6   | 5,3   | 5,5   | 5,3   | 5,1   | 6,6             |
| 2               | 5,1                 | 3,3   | 3,0   | 3,0   | 2,9   | 3,1   | 3,5   | 4,0   | 5,4   | 6,2   | 7,0   | 7,6   | 8,4   | 8,4   | 8,2   | 8,2   | 7,2   | 6,5   | 6,0   | 5,5   | 5,7   | 5,1   | 5,0   | 4,8   | 5,6             |
| 3               | 4,7                 | 4,9   | 3,7   | 4,0   | 4,2   | 3,6   | 4,4   | 3,5   | 6,0   | 7,3   | 8,8   | 10,4  | 10,0  | 10,7  | 10,7  | 8,8   | 7,7   | 6,7   | 6,2   | 5,5   | 5,5   | 5,3   | 5,3   | 5,6   | 6,4             |
| 4               | 5,2                 | 6,0   | 5,4   | 6,0   | 6,3   | 6,0   | 4,8   | 5,0   | 6,8   | 9,5   | 10,5  | 12,3  | 12,0  | 12,7  | 13,0  | 12,8  | 10,4  | 10,0  | 8,5   | 8,0   | 8,4   | 8,5   | 8,9   | 8,6   | 8,6             |
| 5               | 8,2                 | 7,5   | 8,5   | 8,7   | 9,1   | 9,2   | 8,7   | 9,0   | 11,3  | 12,0  | 11,5  | 12,0  | 11,5  | 11,3  | 10,8  | 10,6  | 9,8   | 9,0   | 9,7   | 9,4   | 8,9   | 8,3   | 7,6   | 7,4   | 9,6             |
| 6               | 7,2                 | 7,7   | 7,8   | 8,0   | 8,2   | 8,3   | 8,3   | 8,6   | 8,8   | 8,9   | 9,5   | 9,4   | 9,3   | 9,0   | 9,4   | 8,8   | 8,7   | 8,6   | 8,5   | 8,0   | 7,7   | 7,6   | 7,8   | 7,8   | 8,4             |
| 7               | 7,7                 | 7,5   | 7,4   | 7,0   | 6,9   | 6,6   | 6,5   | 6,7   | 7,0   | 8,2   | 8,8   | 9,2   | 10,5  | 9,3   | 9,1   | 8,8   | 7,5   | 6,7   | 6,3   | 6,3   | 6,3   | 6,5   | 6,2   | 6,3   | 7,5             |
| 8               | 6,4                 | 6,7   | 7,1   | 7,2   | 7,4   | 7,2   | 7,1   | 6,7   | 8,0   | 9,2   | 10,5  | 12,0  | 11,5  | 10,3  | 11,8  | 10,0  | 9,6   | 9,5   | 9,2   | 9,2   | 9,8   | 9,6   | 10,2  | 10,1  | 9,0             |
| 9               | 10,3                | 10,5  | 10,4  | 10,5  | 10,2  | 10,2  | 10,2  | 10,2  | 10,5  | 11,1  | 11,3  | 11,2  | 11,4  | 11,5  | 11,5  | 11,3  | 10,2  | 9,2   | 9,0   | 8,9   | 8,8   | 8,7   | 8,2   | 7,8   | 10,1            |
| 10              | 7,7                 | 7,5   | 7,2   | 7,0   | 7,2   | 7,2   | 7,1   | 7,0   | 7,0   | 7,9   | 7,9   | 8,0   | 8,3   | 7,5   | 7,5   | 7,4   | 7,2   | 7,0   | 6,8   | 6,6   | 6,4   | 6,2   | 6,3   | 6,4   | 7,2             |
| 11inci<br>onluk | 68,2                | 67,3  | 66,1  | 67,0  | 67,8  | 66,4  | 65,5  | 66,0  | 77,3  | 88,4  | 96,1  | 102,5 | 103,9 | 100,5 | 100,6 | 93,9  | 83,7  | 78,2  | 75,5  | 73,0  | 72,8  | 71,3  | 70,8  | 69,9  | 7,9             |
| 11              | 6,4                 | 6,4   | 6,4   | 6,4   | 5,9   | 5,9   | 6,7   | 6,5   | 6,6   | 7,3   | 8,0   | 8,2   | 8,8   | 9,3   | 9,6   | 9,9   | 10,6  | 10,6  | 10,6  | 10,6  | 10,6  | 10,4  | 10,2  | 10,0  | 8,4             |
| 12              | 9,7                 | 9,8   | 9,6   | 9,4   | 9,0   | 8,8   | 8,6   | 8,0   | 8,8   | 9,9   | 9,9   | 11,0  | 11,9  | 11,9  | 11,7  | 11,4  | 11,0  | 10,6  | 10,7  | 10,7  | 10,9  | 10,5  | 10,4  | 10,6  | 10,2            |
| 13              | 10,3                | 10,0  | 9,1   | 8,4   | 8,1   | 7,8   | 7,7   | 7,4   | 7,3   | 7,6   | 8,1   | 8,9   | 8,3   | 8,0   | 7,7   | 6,9   | 5,7   | 5,9   | 4,2   | 3,2   | 2,9   | 3,0   | 2,8   | 2,6   | 6,7             |
| 14              | 2,6                 | 2,2   | 2,0   | 1,8   | 1,6   | 1,6   | 2,2   | 2,5   | 3,6   | 4,3   | 5,7   | 7,0   | 7,2   | 7,5   | 8,0   | 8,0   | 7,4   | 6,6   | 6,0   | 6,2   | 7,0   | 7,5   | 7,6   | 7,8   | 5,2             |
| 15              | 7,8                 | 7,3   | 7,5   | 7,3   | 7,6   | 7,6   | 6,8   | 6,6   | 6,5   | 6,4   | 6,5   | 5,8   | 5,5   | 5,5   | 5,8   | 5,9   | 5,8   | 5,7   | 5,6   | 5,2   | 4,8   | 4,8   | 4,8   | 4,8   | 6,2             |
| 16              | 4,8                 | 4,8   | 4,9   | 5,3   | 5,6   | 5,8   | 6,1   | 6,3   | 6,5   | 7,1   | 7,5   | 8,0   | 8,4   | 9,1   | 9,0   | 8,7   | 8,0   | 7,7   | 7,3   | 6,9   | 6,9   | 6,9   | 6,7   | 7,0   | 6,9             |
| 17              | 7,0                 | 7,1   | 7,7   | 8,0   | 8,2   | 8,2   | 8,4   | 9,5   | 10,1  | 11,5  | 12,5  | 15,6  | 16,0  | 16,8  | 13,5  | 12,8  | 11,3  | 10,5  | 10,2  | 10,0  | 9,9   | 9,8   | 9,1   | 9,3   | 10,5            |
| 18              | 8,8                 | 9,1   | 10,0  | 10,2  | 10,6  | 10,6  | 10,7  | 10,6  | 12,0  | 12,4  | 13,5  | 14,2  | 13,0  | 12,9  | 12,6  | 13,2  | 12,3  | 12,2  | 12,4  | 12,2  | 11,6  | 11,4  | 12,4  | 12,2  | 11,7            |
| 19              | 10,6                | 10,5  | 10,5  | 10,5  | 10,5  | 10,6  | 10,8  | 10,5  | 10,7  | 10,6  | 10,3  | 9,6   | 9,8   | 10,5  | 11,6  | 11,5  | 11,6  | 11,1  | 10,9  | 10,0  | 9,1   | 9,0   | 7,5   | 7,3   | 10,2            |
| 20              | 6,3                 | 5,4   | 4,8   | 7,0   | 7,6   | 7,3   | 7,7   | 7,7   | 9,0   | 11,0  | 12,2  | 13,6  | 14,0  | 14,4  | 14,0  | 13,9  | 12,4  | 11,7  | 11,6  | 11,7  | 11,4  | 11,4  | 11,3  | 11,6  | 10,4            |
| 21inci<br>onluk | 74,3                | 72,6  | 72,5  | 74,3  | 74,7  | 74,2  | 75,7  | 75,6  | 81,1  | 88,1  | 94,2  | 101,9 | 102,9 | 105,9 | 103,5 | 102,2 | 96,1  | 92,6  | 89,5  | 86,7  | 85,1  | 84,7  | 82,8  | 83,2  | 8,6             |
| 21              | 11,0                | 11,0  | 12,0  | 12,0  | 11,5  | 11,7  | 11,1  | 11,2  | 11,2  | 12,3  | 13,5  | 14,6  | 15,6  | 13,2  | 14,5  | 15,0  | 14,0  | 13,0  | 12,3  | 12,0  | 11,7  | 11,9  | 11,8  | 11,6  | 12,5            |
| 22              | 11,7                | 11,3  | 11,4  | 11,4  | 11,1  | 10,8  | 10,6  | 10,5  | 11,5  | 12,4  | 13,3  | 14,3  | 14,4  | 14,4  | 14,4  | 13,4  | 12,7  | 12,1  | 12,2  | 12,6  | 12,8  | 11,9  | 11,5  | 11,4  | 12,3            |
| 23              | 11,0                | 10,4  | 11,0  | 9,7   | 11,0  | 11,0  | 12,5  | 13,0  | 12,7  | 13,7  | 14,6  | 14,5  | 14,8  | 14,3  | 15,0  | 14,3  | 14,8  | 14,7  | 15,0  | 14,0  | 13,7  | 13,3  | 13,4  | 12,5  | 13,1            |
| 24              | 13,1                | 12,8  | 7,0   | 6,9   | 6,8   | 6,6   | 6,4   | 5,9   | 6,6   | 7,3   | 8,3   | 9,1   | 9,0   | 10,2  | 10,4  | 9,4   | 8,2   | 7,1   | 6,5   | 6,1   | 6,0   | 6,0   | 5,7   | 5,5   | 7,8             |
| 25              | 5,0                 | 4,7   | 4,2   | 4,2   | 4,8   | 5,3   | 5,7   | 6,4   | 7,0   | 7,5   | 8,4   | 9,2   | 10,3  | 9,7   | 10,0  | 9,8   | 8,8   | 8,1   | 9,0   | 8,8   | 8,8   | 8,9   | 9,0   | 8,2   | 7,6             |
| 26              | 8,7                 | 9,5   | 9,5   | 9,7   | 9,3   | 9,4   | 9,5   | 9,5   | 10,2  | 11,2  | 12,2  | 12,9  | 13,9  | 14,3  | 14,1  | 13,2  | 12,6  | 11,9  | 11,9  | 11,7  | 11,4  | 11,3  | 11,3  | 10,9  | 11,3            |
| 27              | 10,8                | 10,6  | 11,0  | 11,4  | 11,3  | 11,8  | 11,0  | 11,8  | 11,8  | 13,0  | 14,2  | 15,1  | 15,5  | 16,2  | 16,8  | 15,5  | 14,5  | 14,3  | 14,1  | 13,4  | 14,3  | 14,2  | 13,2  | 12,4  | 13,3            |
| 28              | 12,8                | 12,6  | 12,2  | 13,1  | 12,7  | 12,2  | 12,5  | 12,8  | 12,6  | 13,7  | 14,7  | 16,3  | 17,0  | 16,6  | 16,3  | 16,2  | 15,4  | 15,0  | 15,0  | 13,7  | 9,9   | 10,1  | 10,2  | 11,2  | 13,5            |
| 29              | 10,3                | 11,2  | 10,3  | 12,5  | 12,0  | 11,6  | 11,1  | 11,0  | 12,6  | 13,6  | 13,4  | 13,4  | 14,3  | 14,5  | 14,0  | 13,1  | 12,0  | 11,7  | 10,6  | 10,4  | 10,1  | 9,9   | 9,3   | 9,0   | 11,7            |
| 30              | 8,8                 | 8,8   | 8,8   | 8,5   | 8,3   | 8,2   | 8,4   | 7,7   | 7,9   | 8,8   | 9,2   | 9,4   | 9,5   | 9,6   | 9,6   | 9,5   | 9,1   | 8,6   | 8,1   | 7,1   | 6,7   | 6,2   | 6,1   | 5,8   | 8,3             |
| 31              | 5,4                 | 4,9   | 4,5   | 6,5   | 7,0   | 7,0   | 7,0   | 6,7   | 7,5   | 8,3   | 9,0   | 9,7   | 10,2  | 10,0  | 9,8   | 9,0   | 8,0   | 7,5   | 7,3   | 7,5   | 7,5   | 7,5   | 7,4   | 7,4   | 7,6             |
| 32inci<br>onluk | 108,6               | 107,8 | 101,9 | 105,9 | 105,8 | 105,6 | 105,8 | 106,5 | 111,6 | 121,8 | 130,8 | 138,5 | 144,5 | 143,0 | 144,9 | 138,4 | 130,1 | 124,0 | 122,3 | 117,3 | 112,9 | 111,2 | 108,9 | 105,9 | 10,8            |
| Vasatı          | 8,1                 | 8,0   | 7,8   | 8,0   | 8,0   | 7,9   | 8,0   | 8,0   | 8,7   | 9,6   | 10,4  | 11,1  | 11,3  | 11,3  | 11,3  | 10,8  | 10,0  | 9,5   | 9,3   | 8,9   | 8,7   | 8,6   | 8,5   | 8,4   | 9,2             |

| Gün<br>Jour     | S A A T — H E U R E |      |      |      |      |      |      |      |      |      |       |       |       |      |      |      |      |      |      |      |      |      |      |      | Vasatı<br>Moyen |
|-----------------|---------------------|------|------|------|------|------|------|------|------|------|-------|-------|-------|------|------|------|------|------|------|------|------|------|------|------|-----------------|
|                 | 1                   | 2    | 3    | 4    | 5    | 6    | 7    | 8    | 9    | 10   | 11    | 12    | 13    | 14   | 15   | 16   | 17   | 18   | 19   | 20   | 21   | 22   | 23   | 24   |                 |
| 1               | 7.4                 | 7.3  | 7.3  | 7.2  | 7.1  | 7.0  | 6.9  | 7.0  | 8.0  | 8.3  | 9.0   | 10.2  | 10.4  | 10.5 | 11.0 | 11.2 | 11.2 | 10.1 | 8.7  | 8.0  | 7.9  | 7.9  | 7.8  | 7.6  | 8.5             |
| 2               | 6.7                 | 6.5  | 6.9  | 7.0  | 7.1  | 7.4  | 7.9  | 8.2  | 8.4  | 8.5  | 9.2   | 10.1  | 10.7  | 10.9 | 11.4 | 10.7 | 10.5 | 10.0 | 9.7  | 11.3 | 11.7 | 13.3 | 13.5 | 12.0 | 9.6             |
| 3               | 12.8                | 12.6 | 11.8 | 12.2 | 13.1 | 13.1 | 12.9 | 13.8 | 15.4 | 15.4 | 15.8  | 15.6  | 14.7  | 15.5 | 14.6 | 15.9 | 13.4 | 15.0 | 15.5 | 15.5 | 15.2 | 15.3 | 15.7 | 15.7 | 1.44            |
| 4               | 15.5                | 15.5 | 15.3 | 15.0 | 14.3 | 14.7 | 15.2 | 15.4 | 15.7 | 16.2 | 17.5  | 18.3  | 18.3  | 18.4 | 9.4  | 9.1  | 9.7  | 10.9 | 10.7 | 11.1 | 11.3 | 11.7 | 12.3 | 12.5 | 1.37            |
| 5               | 11.7                | 11.1 | 10.1 | 12.0 | 11.8 | 12.3 | 12.5 | 12.0 | 12.0 | 12.3 | 12.1  | 14.5  | 13.2  | 13.4 | 13.0 | 12.7 | 11.5 | 11.0 | 10.7 | 10.1 | 10.6 | 11.0 | 11.1 | 11.0 | 1.18            |
| 6               | 11.2                | 10.8 | 10.2 | 10.0 | 9.8  | 9.4  | 9.1  | 9.0  | 9.3  | 9.7  | 10.0  | 10.3  | 10.3  | 9.5  | 9.2  | 8.7  | 8.7  | 8.4  | 7.7  | 7.5  | 6.7  | 6.2  | 5.9  | 5.8  | 8.9             |
| 7               | 5.7                 | 5.9  | 6.0  | 6.2  | 6.5  | 6.6  | 6.7  | 6.7  | 6.7  | 6.7  | 6.8   | 6.9   | 6.8   | 6.8  | 6.8  | 6.6  | 6.6  | 6.6  | 6.7  | 6.7  | 6.8  | 6.8  | 7.0  | 7.5  | 6.6             |
| 8               | 7.5                 | 7.4  | 7.4  | 7.3  | 7.1  | 6.9  | 6.8  | 6.8  | 6.8  | 7.0  | 7.1   | 7.2   | 7.2   | 7.3  | 7.0  | 6.3  | 6.2  | 6.3  | 6.3  | 6.3  | 6.2  | 5.7  | 5.8  | 5.4  | 6.7             |
| 9               | 5.1                 | 4.8  | 5.5  | 4.6  | 4.5  | 4.4  | 4.6  | 4.6  | 4.6  | 4.7  | 4.2   | 3.9   | 3.8   | 3.9  | 3.9  | 4.0  | 4.0  | 3.9  | 4.3  | 4.6  | 4.7  | 5.0  | 5.0  | 5.2  | 4.5             |
| 10              | 5.7                 | 5.8  | 5.7  | 5.7  | 6.0  | 6.3  | 6.8  | 7.2  | 8.0  | 8.0  | 8.4   | 8.5   | 8.7   | 8.5  | 9.2  | 9.7  | 8.8  | 7.9  | 7.5  | 7.0  | 6.8  | 7.1  | 6.8  | 7.0  | 7.4             |
| 1 inci<br>onluk | 89.3                | 87.7 | 86.2 | 87.2 | 87.3 | 87.9 | 89.2 | 90.7 | 94.9 | 96.8 | 100.1 | 105.5 | 104.1 | 98.7 | 95.5 | 94.9 | 90.6 | 90.1 | 87.8 | 88.1 | 87.9 | 90.0 | 90.9 | 89.7 | 9.2             |
| 11              | 6.9                 | 7.3  | 7.3  | 7.3  | 7.2  | 7.2  | 7.3  | 7.1  | 7.5  | 8.2  | 8.7   | 9.3   | 9.4   | 7.6  | 6.6  | 5.9  | 5.5  | 5.5  | 5.3  | 5.0  | 4.7  | 5.3  | 3.2  | 1.2  | 6.5             |
| 12              | -0.5                | -1.2 | -2.4 | -2.8 | -3.5 | -3.7 | -3.8 | -3.8 | -3.9 | -4.0 | -4.3  | -4.3  | -4.3  | -4.3 | -4.1 | -4.0 | -4.0 | -4.0 | -4.2 | -5.5 | -5.7 | -6.1 | -6.3 | -5.7 | -4.0            |
| 13              | -5.5                | -5.7 | -5.8 | -6.0 | -6.2 | -6.9 | -5.9 | -5.7 | -3.9 | -2.7 | -2.0  | -1.5  | -0.7  | 0.0  | 0.0  | -0.7 | -1.3 | -2.6 | -3.7 | -2.9 | -2.5 | -1.8 | -0.2 | -0.4 | -3.1            |
| 14              | 0.0                 | 0.2  | 1.0  | 0.8  | 0.7  | 1.7  | 2.1  | 2.5  | 3.4  | 3.1  | 4.0   | 4.5   | 5.0   | 5.7  | 6.3  | 6.9  | 5.0  | 3.3  | 3.2  | 3.5  | 3.8  | 3.8  | 4.0  | 4.0  | 3.3             |
| 15              | 3.8                 | 5.0  | 5.5  | 5.6  | 5.8  | 5.7  | 6.1  | 7.0  | 7.5  | 5.5  | 6.0   | 6.6   | 6.9   | 6.6  | 6.1  | 5.6  | 4.5  | 3.2  | 2.4  | 2.4  | 2.2  | 2.5  | 2.5  | 2.2  | 4.9             |
| 16              | 1.7                 | 1.2  | 1.2  | 1.3  | 2.4  | 2.8  | 3.1  | 3.0  | 4.9  | 7.4  | 8.3   | 9.8   | 12.3  | 11.6 | 11.8 | 8.2  | 7.6  | 6.6  | 6.0  | 5.8  | 5.5  | 5.2  | 5.0  | 5.0  | 5.7             |
| 17              | 5.0                 | 5.0  | 4.9  | 4.7  | 4.8  | 5.0  | 5.4  | 5.4  | 5.6  | 6.2  | 6.7   | 7.8   | 7.5   | 7.2  | 7.3  | 7.5  | 7.2  | 7.0  | 6.8  | 6.8  | 6.8  | 6.8  | 6.8  | 6.8  | 6.3             |
| 18              | 6.8                 | 6.9  | 7.1  | 7.3  | 7.2  | 7.2  | 7.3  | 7.5  | 7.7  | 8.5  | 10.2  | 10.4  | 10.9  | 11.1 | 10.7 | 10.0 | 10.3 | 10.2 | 10.0 | 8.2  | 7.9  | 7.8  | 7.6  | 7.4  | 8.6             |
| 19              | 7.3                 | 7.2  | 7.1  | 6.9  | 6.3  | 6.1  | 6.1  | 5.9  | 5.7  | 5.6  | 5.6   | 5.8   | 5.6   | 6.4  | 5.7  | 5.8  | 5.5  | 5.3  | 5.2  | 5.1  | 5.0  | 4.9  | 4.5  | 4.0  | 5.8             |
| 20              | 3.6                 | 3.3  | 3.0  | 2.6  | 2.8  | 2.6  | 2.8  | 3.0  | 4.5  | 5.5  | 7.0   | 7.0   | 6.1   | 7.0  | 6.9  | 6.7  | 6.8  | 7.0  | 7.1  | 7.0  | 6.9  | 6.9  | 6.9  | 6.9  | 5.4             |
| 2 inci<br>onluk | 29.1                | 29.2 | 28.9 | 27.7 | 27.5 | 27.7 | 30.5 | 31.9 | 39.0 | 43.3 | 50.2  | 55.4  | 58.7  | 58.9 | 57.3 | 51.9 | 47.1 | 41.5 | 38.1 | 35.4 | 34.7 | 35.3 | 34.0 | 31.4 | 3.9             |
| 21              | 6.7                 | 6.6  | 6.7  | 6.7  | 6.7  | 6.4  | 5.9  | 5.4  | 5.2  | 5.2  | 5.1   | 5.1   | 4.9   | 5.4  | 5.3  | 5.5  | 5.4  | 5.3  | 5.4  | 6.0  | 6.5  | 6.6  | 6.4  | 6.2  | 5.9             |
| 22              | 6.1                 | 6.0  | 5.9  | 5.4  | 5.0  | 5.1  | 4.9  | 4.7  | 5.8  | 8.2  | 7.8   | 7.5   | 9.0   | 8.4  | 8.0  | 8.5  | 8.0  | 7.0  | 6.4  | 5.5  | 5.1  | 5.0  | 4.6  | 4.2  | 6.3             |
| 23              | 4.2                 | 4.2  | 3.8  | 4.0  | 4.1  | 4.0  | 3.9  | 4.2  | 4.7  | 6.6  | 7.0   | 7.6   | 7.6   | 7.5  | 7.0  | 6.4  | 6.0  | 5.0  | 4.3  | 4.0  | 3.8  | 3.6  | 3.5  | 3.5  | 5.1             |
| 24              | 3.2                 | 3.0  | 2.2  | 2.2  | 2.2  | 2.2  | 2.5  | 4.0  | 6.3  | 8.3  | 9.5   | 11.0  | 12.8  | 9.6  | 9.0  | 8.7  | 8.4  | 7.5  | 7.3  | 7.2  | 7.2  | 7.3  | 6.8  | 5.8  | 6.4             |
| 25              | 5.5                 | 6.0  | 6.3  | 6.6  | 6.8  | 7.0  | 7.1  | 7.1  | 7.2  | 6.8  | 7.5   | 8.0   | 8.0   | 8.8  | 8.7  | 8.3  | 7.9  | 7.5  | 7.5  | 7.3  | 7.0  | 6.8  | 6.7  | 6.7  | 7.2             |
| 26              | 6.5                 | 6.4  | 6.2  | 6.0  | 5.9  | 5.8  | 5.7  | 6.0  | 6.5  | 6.8  | 7.1   | 7.7   | 7.6   | 7.9  | 7.7  | 7.6  | 7.0  | 6.8  | 6.7  | 6.6  | 6.5  | 6.3  | 6.0  | 5.7  | 6.6             |
| 27              | 5.6                 | 5.7  | 5.7  | 5.0  | 4.9  | 4.8  | 4.3  | 5.3  | 8.4  | 8.6  | 9.5   | 10.0  | 10.7  | 11.5 | 12.0 | 10.3 | 10.0 | 9.5  | 8.4  | 7.0  | 7.4  | 7.4  | 7.3  | 7.4  | 7.8             |
| 28              | 7.5                 | 8.0  | 7.7  | 7.0  | 7.6  | 7.8  | 8.1  | 10.5 | 11.1 | 12.3 | 14.0  | 15.5  | 15.1  | 15.7 | 15.3 | 16.0 | 16.2 | 16.6 | 17.0 | 17.3 | 17.4 | 17.7 | 17.6 | 17.6 | 13.1            |
| 29              | 17.7                | 17.0 | 15.0 | 14.6 | 14.2 | 14.1 | 15.0 | 15.3 | 15.6 | 16.7 | 17.2  | 17.5  | 14.9  | 14.3 | 14.2 | 14.0 | 15.5 | 14.3 | 14.4 | 14.7 | 14.1 | 13.7 | 13.6 | 13.0 | 15.0            |
| 3 inci<br>onluk | 63.0                | 62.9 | 59.5 | 57.5 | 57.4 | 57.2 | 57.4 | 62.5 | 70.8 | 79.5 | 84.7  | 89.9  | 90.6  | 89.1 | 87.7 | 85.3 | 84.4 | 79.2 | 77.0 | 75.3 | 74.9 | 74.1 | 72.7 | 70.1 | 8.2             |
| Vasatı          | 6.3                 | 6.2  | 6.0  | 5.9  | 5.9  | 6.0  | 6.1  | 6.4  | 7.1  | 7.6  | 8.1   | 8.7   | 8.7   | 8.5  | 8.3  | 8.0  | 7.7  | 7.3  | 7.0  | 6.9  | 6.9  | 6.9  | 6.8  | 6.6  | 7.1             |

# SAAT—HEURE

| Gün<br>Jour |         | SAAT — HEURE |      |      |      |      |      |       |       |       |       |       |       |       |       |       |       |       |       |       |      |      |      |      |      | Vasatı<br>Moyen |  |
|-------------|---------|--------------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|------|------|------|------|-----------------|--|
|             |         | 1            | 2    | 3    | 4    | 5    | 6    | 7     | 8     | 9     | 10    | 11    | 12    | 13    | 14    | 15    | 16    | 17    | 18    | 19    | 20   | 21   | 22   | 23   | 24   |                 |  |
| 1           | 12.7    | 12.5         | 12.7 | 12.2 | 12.1 | 12.0 | 12.2 | 14.3  | 15.4  | 16.0  | 17.3  | 18.5  | 19.4  | 19.6  | 19.8  | 19.0  | 18.7  | 17.2  | 16.1  | 15.1  | 14.8 | 14.1 | 14.3 | 13.6 | 15.4 |                 |  |
| 2           | 12.5    | 12.0         | 11.2 | 10.6 | 10.8 | 11.2 | 11.3 | 12.5  | 14.0  | 14.7  | 15.0  | 16.5  | 16.6  | 16.8  | 17.3  | 17.7  | 16.2  | 14.2  | 13.8  | 13.3  | 12.6 | 12.0 | 11.4 | 10.8 | 13.5 |                 |  |
| 3           | 10.6    | 10.4         | 10.2 | 10.1 | 10.4 | 10.4 | 10.1 | 11.0  | 12.2  | 13.0  | 14.5  | 14.5  | 15.1  | 15.7  | 16.0  | 15.3  | 13.9  | 12.2  | 11.1  | 10.2  | 11.1 | 11.1 | 10.4 | 10.0 | 12.1 |                 |  |
| 4           | 11.2    | 11.2         | 8.0  | 7.5  | 7.8  | 7.5  | 8.1  | 9.0   | 11.2  | 12.0  | 15.6  | 14.5  | 12.2  | 11.4  | 11.6  | 11.2  | 10.8  | 9.5   | 8.5   | 8.4   | 8.3  | 8.1  | 8.0  | 7.3  | 9.9  |                 |  |
| 5           | 7.0     | 6.5          | 6.1  | 6.3  | 6.5  | 7.0  | 7.3  | 7.5   | 8.0   | 8.8   | 9.5   | 10.3  | 10.5  | 9.7   | 9.0   | 8.0   | 7.6   | 7.2   | 6.7   | 6.4   | 5.9  | 6.1  | 6.3  | 6.3  | 7.5  |                 |  |
| 6           | 6.4     | 6.7          | 6.8  | 6.7  | 6.5  | 6.0  | 6.5  | 6.6   | 6.9   | 7.9   | 8.6   | 9.3   | 10.2  | 10.9  | 10.7  | 10.3  | 10.5  | 10.0  | 10.0  | 11.8  | 9.9  | 10.1 | 9.8  | 9.6  | 8.7  |                 |  |
| 7           | 9.5     | 9.4          | 9.2  | 9.3  | 9.3  | 9.2  | 9.5  | 9.6   | 12.0  | 13.1  | 13.8  | 14.0  | 14.9  | 15.4  | 16.1  | 16.3  | 15.4  | 14.9  | 13.6  | 13.4  | 11.9 | 11.7 | 9.7  | 9.3  | 12.1 |                 |  |
| 8           | 9.3     | 8.3          | 7.8  | 7.2  | 7.1  | 6.9  | 6.9  | 6.7   | 6.8   | 7.1   | 7.6   | 8.0   | 8.8   | 9.1   | 8.5   | 8.4   | 7.6   | 7.2   | 7.1   | 7.0   | 6.9  | 6.9  | 6.8  | 6.7  | 7.5  |                 |  |
| 9           | 6.6     | 6.2          | 5.6  | 5.2  | 4.9  | 4.4  | 4.9  | 5.0   | 5.4   | 6.3   | 7.2   | 7.7   | 8.5   | 8.6   | 8.4   | 7.8   | 7.2   | 6.2   | 5.3   | 4.7   | 4.9  | 4.2  | 3.0  | 3.0  | 5.9  |                 |  |
| 10          | 2.9     | 2.7          | 2.5  | 2.7  | 2.5  | 3.0  | 3.5  | 5.1   | 6.8   | 8.3   | 9.0   | 10.3  | 10.5  | 10.7  | 9.6   | 9.7   | 9.7   | 8.0   | 7.7   | 7.1   | 6.7  | 6.6  | 5.9  | 5.0  | 6.5  |                 |  |
| 11          | 88.7    | 85.9         | 80.1 | 78.4 | 77.6 | 77.9 | 80.3 | 87.3  | 98.7  | 107.2 | 117.1 | 123.6 | 126.7 | 127.9 | 127.0 | 123.7 | 117.6 | 106.6 | 100.0 | 97.4  | 93.0 | 90.9 | 85.6 | 81.6 | 9.9  |                 |  |
| 12          | 4.5     | 4.4          | 4.4  | 4.4  | 4.5  | 4.0  | 3.8  | 4.5   | 8.0   | 9.5   | 10.0  | 9.4   | 11.4  | 11.9  | 12.1  | 12.1  | 11.1  | 9.4   | 8.0   | 7.3   | 6.5  | 5.5  | 5.5  | 5.6  | 7.4  |                 |  |
| 13          | 4.5     | 4.7          | 4.6  | 4.7  | 4.6  | 4.6  | 6.0  | 7.0   | 9.7   | 10.7  | 11.0  | 12.0  | 12.7  | 13.2  | 14.2  | 14.5  | 13.6  | 13.2  | 11.6  | 11.2  | 10.8 | 9.8  | 9.8  | 10.0 | 9.5  |                 |  |
| 14          | 10.5    | 10.8         | 9.6  | 10.5 | 10.8 | 10.9 | 10.9 | 12.6  | 14.6  | 15.5  | 16.5  | 16.6  | 16.2  | 16.9  | 17.2  | 17.2  | 17.6  | 15.8  | 16.1  | 17.0  | 16.4 | 15.3 | 14.8 | 14.0 | 14.4 |                 |  |
| 15          | 12.5    | 13.5         | 13.0 | 12.6 | 14.0 | 13.5 | 12.7 | 13.5  | 13.8  | 14.3  | 15.0  | 15.5  | 15.2  | 17.7  | 15.8  | 13.3  | 11.0  | 9.7   | 10.1  | 9.8   | 9.7  | 10.2 | 9.4  | 9.0  | 12.7 |                 |  |
| 16          | 9.5     | 9.4          | 8.6  | 8.6  | 8.5  | 8.1  | 8.7  | 9.1   | 9.2   | 9.3   | 9.0   | 9.0   | 9.1   | 9.1   | 10.1  | 9.2   | 8.5   | 7.6   | 7.3   | 7.2   | 7.1  | 7.0  | 6.9  | 6.8  | 8.4  |                 |  |
| 17          | 6.7     | 6.7          | 6.6  | 6.5  | 6.3  | 6.1  | 6.9  | 7.6   | 8.1   | 9.5   | 10.2  | 10.5  | 10.5  | 11.2  | 10.5  | 9.5   | 8.5   | 7.5   | 6.8   | 6.4   | 6.3  | 6.0  | 5.6  | 5.3  | 7.7  |                 |  |
| 18          | 5.3     | 5.6          | 5.8  | 6.1  | 6.4  | 6.6  | 6.9  | 7.7   | 8.2   | 9.0   | 10.3  | 10.8  | 12.0  | 10.6  | 10.3  | 9.5   | 9.5   | 8.7   | 7.9   | 7.8   | 7.7  | 7.6  | 7.5  | 7.5  | 8.1  |                 |  |
| 19          | 7.6     | 7.6          | 7.4  | 7.0  | 6.9  | 7.2  | 7.9  | 8.0   | 8.3   | 9.0   | 9.3   | 9.3   | 9.2   | 9.5   | 8.8   | 8.7   | 7.8   | 7.5   | 7.4   | 7.6   | 8.1  | 8.1  | 8.1  | 7.9  | 8.1  |                 |  |
| 20          | 7.2     | 7.0          | 6.6  | 6.1  | 5.5  | 5.0  | 4.0  | 4.7   | 6.3   | 9.0   | 9.3   | 9.3   | 10.2  | 9.1   | 9.6   | 8.7   | 8.5   | 8.0   | 7.0   | 6.9   | 6.7  | 6.6  | 6.5  | 6.3  | 7.3  |                 |  |
| 21          | 6.2     | 6.1          | 5.9  | 6.0  | 6.0  | 5.7  | 6.4  | 7.1   | 7.8   | 9.1   | 9.2   | 9.8   | 9.8   | 10.3  | 10.0  | 9.8   | 9.2   | 7.6   | 6.7   | 6.4   | 5.5  | 5.2  | 5.0  | 4.9  | 7.3  |                 |  |
| 22          | 74.5    | 75.8         | 72.5 | 72.5 | 73.5 | 71.7 | 74.2 | 81.8  | 94.0  | 104.9 | 109.8 | 112.2 | 116.3 | 119.5 | 118.6 | 112.5 | 105.3 | 95.0  | 88.9  | 87.6  | 84.8 | 81.3 | 79.1 | 77.3 | 9.1  |                 |  |
| 23          | 4.9     | 4.7          | 4.5  | 4.5  | 4.4  | 4.2  | 5.3  | 7.0   | 7.5   | 8.3   | 10.2  | 11.5  | 10.2  | 10.8  | 10.7  | 10.5  | 9.7   | 8.5   | 7.0   | 6.6   | 6.6  | 6.0  | 5.5  | 5.5  | 7.3  |                 |  |
| 24          | 5.0     | 4.9          | 4.9  | 4.7  | 4.5  | 4.9  | 5.5  | 7.6   | 9.2   | 10.3  | 11.2  | 12.0  | 10.5  | 11.1  | 12.5  | 11.7  | 10.6  | 9.3   | 7.5   | 6.3   | 5.9  | 7.4  | 7.1  | 7.5  | 8.0  |                 |  |
| 25          | 9.5     | 9.7          | 9.4  | 9.7  | 8.9  | 9.1  | 9.9  | 10.0  | 13.2  | 14.3  | 15.4  | 15.6  | 15.5  | 16.0  | 15.8  | 16.1  | 15.8  | 13.8  | 11.0  | 10.8  | 10.7 | 10.0 | 9.7  | 9.0  | 12.0 |                 |  |
| 26          | 8.7     | 8.6          | 8.2  | 8.8  | 8.9  | 9.1  | 9.3  | 10.3  | 10.6  | 12.2  | 13.0  | 13.9  | 14.7  | 14.7  | 16.0  | 14.5  | 14.3  | 12.8  | 11.8  | 11.8  | 11.3 | 10.9 | 10.7 | 10.6 | 11.5 |                 |  |
| 27          | 10.3    | 10.0         | 9.8  | 9.6  | 9.7  | 9.6  | 10.5 | 11.6  | 12.3  | 13.3  | 15.4  | 16.4  | 17.0  | 17.5  | 18.5  | 18.1  | 17.3  | 16.2  | 14.9  | 14.3  | 13.1 | 12.8 | 11.7 | 11.2 | 13.4 |                 |  |
| 28          | 11.3    | 11.7         | 11.7 | 10.8 | 10.4 | 10.0 | 11.4 | 12.8  | 14.5  | 15.5  | 19.2  | 20.6  | 19.4  | 18.6  | 18.4  | 17.4  | 16.2  | 16.0  | 14.5  | 14.2  | 14.6 | 13.3 | 13.1 | 13.6 | 14.6 |                 |  |
| 29          | 13.8    | 11.5         | 9.5  | 9.0  | 8.0  | 8.0  | 9.5  | 12.5  | 14.5  | 16.5  | 16.5  | 18.0  | 19.0  | 18.4  | 16.8  | 15.2  | 13.5  | 14.5  | 14.3  | 14.6  | 14.2 | 14.4 | 14.0 | 13.7 | 13.7 |                 |  |
| 30          | 13.4    | 13.5         | 13.1 | 12.5 | 12.3 | 11.1 | 12.2 | 14.5  | 14.9  | 16.2  | 17.8  | 15.7  | 14.5  | 14.2  | 13.3  | 10.2  | 9.0   | 8.7   | 8.7   | 8.5   | 8.1  | 8.0  | 7.6  | 7.5  | 11.9 |                 |  |
| 31          | 7.3     | 7.1          | 6.9  | 6.7  | 6.5  | 6.1  | 6.4  | 6.5   | 6.6   | 6.9   | 7.0   | 7.3   | 7.0   | 7.0   | 7.2   | 6.5   | 6.0   | 5.5   | 5.3   | 5.2   | 5.1  | 5.5  | 5.7  | 5.9  | 6.4  |                 |  |
| 32          | 6.3     | 6.0          | 6.0  | 5.9  | 5.7  | 5.4  | 6.0  | 6.1   | 6.3   | 6.4   | 6.7   | 6.3   | 6.5   | 6.5   | 6.4   | 6.0   | 5.7   | 5.5   | 5.2   | 5.2   | 4.1  | 4.0  | 4.1  | 4.2  | 5.7  |                 |  |
| 33          | 4.4     | 4.4          | 4.3  | 4.2  | 4.7  | 4.7  | 4.7  | 4.9   | 5.7   | 7.2   | 8.0   | 8.2   | 9.3   | 8.2   | 8.2   | 8.6   | 7.0   | 6.6   | 6.3   | 6.0   | 5.6  | 5.0  | 4.8  | 4.6  | 6.1  |                 |  |
| 34          | 94.9    | 92.1         | 88.3 | 86.4 | 84.4 | 82.1 | 90.7 | 103.8 | 115.3 | 127.1 | 140.4 | 145.5 | 143.6 | 143.0 | 143.8 | 134.8 | 125.1 | 116.9 | 106.5 | 103.5 | 99.3 | 97.3 | 94.3 | 93.3 | 10.1 |                 |  |
| 35          | 8.3     | 8.2          | 7.8  | 7.7  | 7.6  | 7.5  | 7.9  | 8.8   | 9.9   | 10.9  | 11.9  | 12.3  | 12.5  | 12.6  | 12.6  | 12.0  | 11.2  | 10.3  | 9.5   | 9.3   | 8.5  | 8.7  | 8.4  | 8.1  | 9.7  |                 |  |
| 36          | Satılık |              |      |      |      |      |      |       |       |       |       |       |       |       |       |       |       |       |       |       |      |      |      |      |      |                 |  |
| 37          | Satılık |              |      |      |      |      |      |       |       |       |       |       |       |       |       |       |       |       |       |       |      |      |      |      |      |                 |  |
| 38          | Satılık |              |      |      |      |      |      |       |       |       |       |       |       |       |       |       |       |       |       |       |      |      |      |      |      |                 |  |
| 39          | Satılık |              |      |      |      |      |      |       |       |       |       |       |       |       |       |       |       |       |       |       |      |      |      |      |      |                 |  |
| 40          | Satılık |              |      |      |      |      |      |       |       |       |       |       |       |       |       |       |       |       |       |       |      |      |      |      |      |                 |  |
| 41          | Satılık |              |      |      |      |      |      |       |       |       |       |       |       |       |       |       |       |       |       |       |      |      |      |      |      |                 |  |
| 42          | Satılık |              |      |      |      |      |      |       |       |       |       |       |       |       |       |       |       |       |       |       |      |      |      |      |      |                 |  |
| 43          | Satılık |              |      |      |      |      |      |       |       |       |       |       |       |       |       |       |       |       |       |       |      |      |      |      |      |                 |  |
| 44          | Satılık |              |      |      |      |      |      |       |       |       |       |       |       |       |       |       |       |       |       |       |      |      |      |      |      |                 |  |
| 45          | Satılık |              |      |      |      |      |      |       |       |       |       |       |       |       |       |       |       |       |       |       |      |      |      |      |      |                 |  |
| 46          | Satılık |              |      |      |      |      |      |       |       |       |       |       |       |       |       |       |       |       |       |       |      |      |      |      |      |                 |  |
| 47          | Satılık |              |      |      |      |      |      |       |       |       |       |       |       |       |       |       |       |       |       |       |      |      |      |      |      |                 |  |
| 48          | Satılık |              |      |      |      |      |      |       |       |       |       |       |       |       |       |       |       |       |       |       |      |      |      |      |      |                 |  |
| 49          | Satılık |              |      |      |      |      |      |       |       |       |       |       |       |       |       |       |       |       |       |       |      |      |      |      |      |                 |  |
| 50          | Satılık |              |      |      |      |      |      |       |       |       |       |       |       |       |       |       |       |       |       |       |      |      |      |      |      |                 |  |
| 51          | Satılık |              |      |      |      |      |      |       |       |       |       |       |       |       |       |       |       |       |       |       |      |      |      |      |      |                 |  |
| 52          | Satılık |              |      |      |      |      |      |       |       |       |       |       |       |       |       |       |       |       |       |       |      |      |      |      |      |                 |  |
| 53          | Satılık |              |      |      |      |      |      |       |       |       |       |       |       |       |       |       |       |       |       |       |      |      |      |      |      |                 |  |
| 54          | Satılık |              |      |      |      |      |      |       |       |       |       |       |       |       |       |       |       |       |       |       |      |      |      |      |      |                 |  |
| 55          | Satılık |              |      |      |      |      |      |       |       |       |       |       |       |       |       |       |       |       |       |       |      |      |      |      |      |                 |  |
| 56          | Satılık |              |      |      |      |      |      |       |       |       |       |       |       |       |       |       |       |       |       |       |      |      |      |      |      |                 |  |
| 57          | Satılık |              |      |      |      |      |      |       |       |       |       |       |       |       |       |       |       |       |       |       |      |      |      |      |      |                 |  |
| 58          | Satılık |              |      |      |      |      |      |       |       |       |       |       |       |       |       |       |       |       |       |       |      |      |      |      |      |                 |  |
| 59          | Satılık |              |      |      |      |      |      |       |       |       |       |       |       |       |       |       |       |       |       |       |      |      |      |      |      |                 |  |
| 60          | Satılık |              |      |      |      |      |      |       |       |       |       |       |       |       |       |       |       |       |       |       |      |      |      |      |      |                 |  |
| 61          | Satılık |              |      |      |      |      |      |       |       |       |       |       |       |       |       |       |       |       |       |       |      |      |      |      |      |                 |  |
| 62          | Satılık |              |      |      |      |      |      |       |       |       |       |       |       |       |       |       |       |       |       |       |      |      |      |      |      |                 |  |
| 63          | Satılık |              |      |      |      |      |      |       |       |       |       |       |       |       |       |       |       |       |       |       |      |      |      |      |      |                 |  |
| 64          | Satılık |              |      |      |      |      |      |       |       |       |       |       |       |       |       |       |       |       |       |       |      |      |      |      |      |                 |  |
| 65          | Satılık |              |      |      |      |      |      |       |       |       |       |       |       |       |       |       |       |       |       |       |      |      |      |      |      |                 |  |
| 66          | Satılık |              |      |      |      |      |      |       |       |       |       |       |       |       |       |       |       |       |       |       |      |      |      |      |      |                 |  |
| 67          | Satılık |              |      |      |      |      |      |       |       |       |       |       |       |       |       |       |       |       |       |       |      |      |      |      |      |                 |  |
| 68          | Satılık |              |      |      |      |      |      |       |       |       |       |       |       |       |       |       |       |       |       |       |      |      |      |      |      |                 |  |
| 69          | Satılık |              |      |      |      |      |      |       |       |       |       |       |       |       |       |       |       |       |       |       |      |      |      |      |      |                 |  |

| Gün<br>Jour    | S A A T — H E U R E |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     | Vasatı<br>Moyen |
|----------------|---------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----------------|
|                | 1                   | 2   | 3   | 4   | 5   | 6   | 7   | 8   | 9   | 10  | 11  | 12  | 13  | 14  | 15  | 16  | 17  | 18  | 19  | 20  | 21  | 22  | 23  | 24  |                 |
| 1              | 63                  | 63  | 65  | 67  | 70  | 71  | 70  | 66  | 63  | 65  | 58  | 70  | 63  | 69  | 83  | 90  | 100 | 100 | 80  | 86  | 88  | 96  | 76  |     |                 |
| 2              | 72                  | 100 | 100 | 100 | 100 | 100 | 100 | 70  | 63  | 85  | 66  | 63  | 60  | 78  | 73  | 76  | 85  | 85  | 82  | 85  | 78  | 86  | 91  | 90  | 83              |
| 3              | 90                  | 88  | 100 | 90  | 96  | 93  | 100 | 91  | 95  | 70  | 75  | 60  | 62  | 58  | 63  | 80  | 90  | 95  | 95  | 80  | 82  | 75  | 70  | 67  | 82              |
| 4              | 66                  | 65  | 66  | 67  | 66  | 66  | 69  | 60  | 58  | 57  | 56  | 53  | 56  | 55  | 53  | 56  | 65  | 57  | 62  | 61  | 58  | 58  | 57  | 57  | 60              |
| 5              | 58                  | 62  | 61  | 64  | 65  | 63  | 66  | 65  | 61  | 64  | 60  | 64  | 69  | 64  | 70  | 74  | 78  | 78  | 69  | 75  | 77  | 73  | 76  | 90  | 69              |
| 6              | 96                  | 96  | 98  | 98  | 96  | 96  | 95  | 93  | 90  | 86  | 83  | 84  | 84  | 84  | 81  | 78  | 85  | 80  | 85  | 88  | 93  | 90  | 95  | 92  | 89              |
| 7              | 91                  | 91  | 90  | 90  | 91  | 92  | 88  | 86  | 85  | 80  | 72  | 67  | 65  | 71  | 72  | 76  | 80  | 82  | 88  | 90  | 86  | 84  | 90  | 93  | 83              |
| 8              | 92                  | 83  | 84  | 86  | 87  | 88  | 87  | 85  | 81  | 76  | 70  | 65  | 70  | 71  | 71  | 75  | 77  | 80  | 83  | 85  | 78  | 82  | 76  | 74  | 79              |
| 9              | 83                  | 72  | 72  | 72  | 73  | 78  | 75  | 76  | 76  | 76  | 77  | 80  | 73  | 81  | 89  | 90  | 96  | 100 | 100 | 100 | 99  | 100 | 100 | 100 | 100             |
| 10             | 100                 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100             |
| 1inci<br>onluk | 811                 | 820 | 836 | 834 | 844 | 847 | 850 | 792 | 772 | 759 | 717 | 706 | 702 | 731 | 755 | 795 | 856 | 857 | 864 | 844 | 833 | 834 | 843 | 859 | 81              |
| 11             | 100                 | 100 | 100 | 100 | 100 | 100 | 99  | 99  | 99  | 99  | 96  | 93  | 92  | 89  | 85  | 84  | 82  | 85  | 83  | 86  | 91  | 94  | 97  | 98  | 94              |
| 12             | 85                  | 92  | 95  | 98  | 79  | 82  | 91  | 98  | 100 | 85  | 95  | 85  | 86  | 84  | 77  | 78  | 77  | 78  | 79  | 80  | 79  | 84  | 86  | 87  | 86              |
| 13             | 92                  | 90  | 80  | 65  | 69  | 71  | 73  | 72  | 73  | 74  | 72  | 66  | 71  | 75  | 77  | 80  | 73  | 68  | 80  | 84  | 97  | 98  | 98  | 97  | 79              |
| 14             | 94                  | 100 | 100 | 100 | 100 | 100 | 96  | 98  | 87  | 92  | 83  | 80  | 78  | 76  | 75  | 77  | 83  | 87  | 90  | 93  | 87  | 84  | 82  | 84  | 89              |
| 15             | 86                  | 87  | 85  | 83  | 87  | 85  | 88  | 100 | 100 | 100 | 84  | 100 | 100 | 97  | 86  | 82  | 84  | 86  | 87  | 88  | 93  | 93  | 92  | 95  | 90              |
| 16             | 94                  | 92  | 95  | 92  | 93  | 91  | 91  | 91  | 91  | 88  | 87  | 85  | 80  | 84  | 86  | 88  | 90  | 92  | 94  | 95  | 91  | 91  | 95  | 92  | 90              |
| 17             | 90                  | 91  | 88  | 86  | 76  | 74  | 82  | 65  | 68  | 66  | 60  | 61  | 60  | 56  | 65  | 63  | 71  | 80  | 83  | 85  | 83  | 81  | 80  | 78  | 75              |
| 18             | 76                  | 74  | 72  | 70  | 70  | 70  | 69  | 70  | 74  | 68  | 66  | 64  | 67  | 69  | 72  | 70  | 70  | 74  | 65  | 70  | 73  | 71  | 67  | 69  | 70              |
| 19             | 78                  | 81  | 80  | 78  | 79  | 80  | 79  | 87  | 85  | 90  | 90  | 90  | 85  | 82  | 72  | 70  | 75  | 76  | 78  | 83  | 88  | 94  | 100 | 100 | 83              |
| 20             | 100                 | 100 | 100 | 100 | 100 | 100 | 89  | 80  | 82  | 75  | 69  | 67  | 65  | 64  | 66  | 64  | 65  | 62  | 62  | 60  | 55  | 56  | 56  | 56  | 75              |
| 2inci<br>onluk | 895                 | 907 | 895 | 872 | 853 | 853 | 857 | 860 | 859 | 837 | 802 | 791 | 784 | 776 | 761 | 756 | 770 | 788 | 801 | 824 | 842 | 845 | 853 | 856 | 83              |
| 21             | 62                  | 61  | 56  | 57  | 58  | 57  | 61  | 61  | 65  | 61  | 56  | 52  | 56  | 64  | 62  | 57  | 62  | 64  | 74  | 78  | 79  | 76  | 77  | 80  | 64              |
| 22             | 77                  | 79  | 77  | 74  | 78  | 80  | 82  | 86  | 80  | 72  | 69  | 65  | 68  | 71  | 71  | 75  | 78  | 79  | 78  | 75  | 75  | 80  | 76  | 78  | 76              |
| 23             | 79                  | 80  | 77  | 82  | 72  | 75  | 67  | 64  | 68  | 63  | 59  | 58  | 60  | 64  | 61  | 63  | 60  | 59  | 60  | 65  | 69  | 68  | 63  | 72  | 67              |
| 24             | 70                  | 72  | 80  | 100 | 100 | 100 | 70  | 73  | 80  | 57  | 43  | 41  | 38  | 40  | 34  | 35  | 42  | 52  | 55  | 53  | 56  | 50  | 48  | 48  | 60              |
| 25             | 55                  | 68  | 75  | 70  | 70  | 64  | 59  | 63  | 55  | 56  | 60  | 49  | 48  | 44  | 43  | 48  | 49  | 53  | 33  | 34  | 36  | 38  | 41  | 47  | 52              |
| 26             | 53                  | 54  | 58  | 53  | 60  | 64  | 64  | 65  | 63  | 61  | 57  | 60  | 56  | 54  | 55  | 57  | 63  | 66  | 62  | 63  | 68  | 71  | 68  | 70  | 61              |
| 27             | 69                  | 73  | 70  | 66  | 68  | 63  | 67  | 62  | 62  | 58  | 50  | 50  | 45  | 45  | 43  | 45  | 51  | 50  | 47  | 52  | 43  | 43  | 47  | 54  | 55              |
| 28             | 53                  | 49  | 51  | 48  | 49  | 52  | 54  | 47  | 45  | 44  | 47  | 43  | 35  | 38  | 43  | 42  | 42  | 43  | 41  | 47  | 98  | 83  | 80  | 73  | 52              |
| 29             | 70                  | 68  | 65  | 60  | 61  | 61  | 66  | 62  | 61  | 59  | 57  | 60  | 58  | 58  | 63  | 58  | 69  | 70  | 88  | 78  | 91  | 92  | 100 | 100 | 70              |
| 30             | 100                 | 100 | 100 | 100 | 100 | 100 | 100 | 95  | 94  | 95  | 87  | 89  | 86  | 84  | 87  | 87  | 90  | 90  | 94  | 97  | 100 | 96  | 96  | 98  | 94              |
| 31             | 100                 | 100 | 100 | 100 | 88  | 84  | 80  | 85  | 83  | 77  | 80  | 76  | 76  | 78  | 80  | 83  | 85  | 86  | 90  | 85  | 87  | 90  | 91  | 86  | 86              |
| 3inci<br>onluk | 788                 | 804 | 809 | 810 | 804 | 800 | 770 | 763 | 756 | 701 | 665 | 643 | 626 | 640 | 642 | 650 | 691 | 712 | 722 | 727 | 800 | 784 | 786 | 811 | 67              |
| Vasatı         | 81                  | 82  | 82  | 81  | 81  | 81  | 80  | 78  | 77  | 74  | 71  | 69  | 68  | 69  | 70  | 71  | 75  | 76  | 77  | 77  | 80  | 80  | 80  | 82  | 77              |

## SAAT — HEURE

| Gün<br>Jour    | 1   | 2   | 3   | 4   | 5   | 6   | 7   | 8   | 9   | 10  | 11  | 12  | 13  | 14  | 15  | 16  | 17  | 18  | 19  | 20  | 21  | 22  | 23  | 24  | Vasatı<br>Moyen |
|----------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----------------|
| 1              | 93  | 93  | 95  | 100 | 100 | 100 | 100 | 97  | 100 | 96  | 95  | 85  | 80  | 81  | 81  | 76  | 82  | 86  | 100 | 100 | 97  | 96  | 95  | 95  | 92              |
| 2              | 97  | 100 | 100 | 100 | 100 | 100 | 100 | 99  | 99  | 99  | 99  | 85  | 85  | 82  | 78  | 81  | 83  | 83  | 87  | 80  | 74  | 65  | 63  | 70  | 88              |
| 3              | 60  | 65  | 63  | 68  | 66  | 66  | 65  | 65  | 63  | 54  | 53  | 44  | 52  | 56  | 57  | 60  | 57  | 51  | 47  | 45  | 46  | 45  | 42  | 44  | 55              |
| 4              | 45  | 44  | 43  | 45  | 47  | 50  | 47  | 48  | 49  | 45  | 41  | 38  | 37  | 72  | 100 | 90  | 81  | 71  | 78  | 68  | 64  | 62  | 55  | 52  | 57              |
| 5              | 60  | 63  | 72  | 53  | 55  | 52  | 48  | 52  | 52  | 60  | 60  | 50  | 57  | 53  | 57  | 60  | 64  | 69  | 73  | 79  | 72  | 80  | 68  | 70  | 62              |
| 6              | 65  | 68  | 75  | 80  | 76  | 81  | 80  | 81  | 85  | 89  | 85  | 80  | 74  | 87  | 98  | 99  | 97  | 99  | 100 | 100 | 100 | 100 | 100 | 100 | 88              |
| 7              | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 99  | 99  | 99  | 99  | 98  | 97  | 95  | 99  | 94  | 99  | 100 | 99              |
| 8              | 100 | 96  | 97  | 97  | 98  | 92  | 97  | 95  | 97  | 99  | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 99              |
| 9              | 100 | 100 | 100 | 97  | 99  | 99  | 99  | 99  | 99  | 97  | 100 | 100 | 87  | 90  | 89  | 86  | 83  | 83  | 86  | 85  | 85  | 86  | 80  | 77  | 92              |
| 10             | 80  | 79  | 80  | 76  | 72  | 74  | 72  | 73  | 75  | 70  | 70  | 69  | 68  | 72  | 66  | 58  | 67  | 69  | 74  | 78  | 81  | 82  | 92  | 90  | 75              |
| 1inci<br>onluk | 800 | 808 | 825 | 816 | 813 | 814 | 804 | 810 | 806 | 807 | 781 | 759 | 744 | 789 | 825 | 809 | 813 | 809 | 842 | 830 | 818 | 810 | 794 | 798 | 81              |
| 11             | 86  | 81  | 86  | 84  | 85  | 80  | 78  | 69  | 75  | 70  | 66  | 53  | 54  | 69  | 78  | 86  | 93  | 92  | 94  | 100 | 99  | 100 | 100 | 100 | 82              |
| 12             | 75  | 62  | 52  | 50  | 46  | 55  | 46  | 45  | 44  | 38  | 39  | 41  | 39  | 38  | 37  | 32  | 23  | 38  | 50  | 50  | 62  | 65  | 70  | 75  | 84              |
| 13             | 68  | 69  | 68  | 69  | 69  | 65  | 63  | 62  | 69  | 72  | 73  | 65  | 61  | 56  | 51  | 46  | 47  | 55  | 53  | 50  | 52  | 50  | 57  | 63  | 49              |
| 14             | 83  | 85  | 82  | 83  | 81  | 83  | 81  | 78  | 75  | 80  | 63  | 51  | 48  | 51  | 54  | 60  | 62  | 69  | 72  | 67  | 68  | 68  | 67  | 65  | 70              |
| 15             | 72  | 70  | 65  | 60  | 55  | 50  | 47  | 52  | 50  | 43  | 40  | 40  | 45  | 57  | 58  | 67  | 73  | 73  | 75  | 77  | 81  | 84  | 94  | 94  | 63              |
| 16             | 95  | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 98  | 97  | —   | —   | —   | 100             |
| 17             | 99  | 99  | 99  | 99  | 95  | 93  | 99  | 100 | 100 | 100 | 93  | 90  | 84  | 82  | 82  | 81  | 81  | 83  | 84  | 86  | 89  | 90  | 91  | 92  | 97              |
| 18             | 94  | 94  | 95  | 93  | 93  | 94  | 93  | 93  | 94  | 94  | 83  | 86  | 93  | 94  | 95  | 96  | 95  | 94  | 91  | 98  | 99  | 100 | 100 | 100 | 94              |
| 20             | 672 | 680 | 647 | 638 | 624 | 620 | 806 | 599 | 607 | 597 | 557 | 618 | 615 | 741 | 654 | 667 | 672 | 702 | 718 | 725 | 822 | 732 | 754 | 755 | 78              |
| 2inci<br>onluk | 100 | 100 | 100 | 100 | 100 | 100 | 99  | 99  | 99  | 96  | 96  | 93  | 93  | 89  | 92  | 93  | 96  | 98  | 98  | 98  | 98  | 97  | 96  | 93  | 97              |
| 21             | 92  | 91  | 89  | 85  | 84  | 82  | 88  | 95  | 91  | 76  | 81  | 77  | 69  | 77  | 68  | 71  | 73  | 74  | 76  | 79  | 82  | 85  | 87  | 89  | 82              |
| 22             | 85  | 82  | 88  | 86  | 87  | 89  | 87  | 85  | 82  | 74  | 70  | 66  | 62  | 56  | 53  | 60  | 66  | 70  | 73  | 71  | 76  | 81  | 85  | 84  | 76              |
| 23             | 88  | 87  | 84  | 83  | 81  | 83  | 84  | 82  | 74  | 66  | 55  | 47  | 42  | 71  | 72  | 75  | 77  | 78  | 74  | 73  | 72  | 75  | 72  | 80  | 74              |
| 24             | 80  | 84  | 95  | 97  | 84  | 86  | 90  | 93  | 90  | 97  | 95  | 97  | 98  | 97  | 98  | 100 | 100 | 99  | 99  | 98  | 98  | 99  | 98  | 98  | 95              |
| 25             | 98  | 99  | 99  | 99  | 98  | 96  | 96  | 91  | 92  | 88  | 87  | 80  | 90  | 96  | 92  | 96  | 94  | 92  | 90  | 93  | 92  | 95  | 100 | 98  | 94              |
| 26             | 98  | 91  | 90  | 92  | 88  | 92  | 95  | 85  | 77  | 73  | 73  | 75  | 70  | 60  | 55  | 60  | 60  | 63  | 71  | 76  | 75  | 76  | 79  | 77  | 77              |
| 27             | 70  | 75  | 80  | 82  | 70  | 70  | 69  | 60  | 62  | 52  | 45  | 41  | 38  | 41  | 39  | 33  | 33  | 34  | 35  | 37  | 37  | 37  | 36  | 36  | 51              |
| 28             | 36  | 37  | 45  | 47  | 52  | 61  | 52  | 52  | 48  | 46  | 45  | 50  | 56  | 58  | 63  | 61  | 51  | 56  | 57  | 55  | 57  | 60  | 59  | 63  | 53              |
| 29             |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |                 |
| 3üncü<br>onluk | 747 | 746 | 770 | 771 | 744 | 759 | 760 | 742 | 715 | 668 | 647 | 626 | 618 | 645 | 632 | 649 | 650 | 664 | 673 | 680 | 687 | 705 | 712 | 718 | 77              |
| Vasatı         | 82  | 82  | 83  | 82  | 81  | 81  | 82  | 80  | 79  | 77  | 74  | 72  | 71  | 75  | 75  | 76  | 76  | 78  | 80  | 80  | 80  | 80  | 81  | 81  | 79              |

| Gün<br>Jour    | S A A T — H E U R E |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     | Vasatı<br>Moyné |
|----------------|---------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----------------|
|                | 1                   | 2   | 3   | 4   | 5   | 6   | 7   | 8   | 9   | 10  | 11  | 12  | 13  | 14  | 15  | 16  | 17  | 18  | 19  | 20  | 21  | 22  | 23  | 24  |                 |
| 1              | 61                  | 61  | 64  | 62  | 63  | 63  | 63  | 61  | 55  | 57  | 55  | 51  | 49  | 47  | 43  | 42  | 42  | 44  | 45  | 52  | 55  | 60  | 60  | 63  | 55              |
| 2              | 70                  | 75  | 84  | 86  | 85  | 84  | 84  | 81  | 72  | 67  | 70  | 60  | 61  | 56  | 53  | 52  | 53  | 61  | 67  | 61  | 63  | 72  | 80  | 80  | 70              |
| 3              | 81                  | 82  | 82  | 77  | 80  | 81  | 83  | 80  | 76  | 72  | 70  | 69  | 67  | 56  | 48  | 43  | 50  | 60  | 63  | 67  | 52  | 51  | 57  | 57  | 67              |
| 4              | 50                  | 60  | 65  | 74  | 70  | 88  | 82  | 78  | 65  | 55  | 43  | 53  | 68  | 75  | 78  | 83  | 83  | 84  | 92  | 94  | 85  | 85  | 93  | 96  | 75              |
| 5              | 99                  | 100 | 100 | 100 | 100 | 99  | 98  | 98  | 98  | 98  | 85  | 80  | 75  | 87  | 88  | 96  | 96  | 97  | 95  | 97  | 98  | 95  | 98  | 97  | 95              |
| 6              | 100                 | 100 | 100 | 100 | 100 | 100 | 98  | 98  | 98  | 98  | 82  | 80  | 75  | 79  | 78  | 83  | 77  | 89  | 65  | 50  | 73  | 81  | 78  | 84  | 86              |
| 7              | 85                  | 87  | 89  | 90  | 92  | 95  | 83  | 85  | 71  | 72  | 65  | 64  | 61  | 58  | 44  | 47  | 46  | 47  | 52  | 56  | 62  | 65  | 82  | 86  | 70              |
| 8              | 93                  | 97  | 100 | 100 | 99  | 99  | 98  | 98  | 98  | 98  | 98  | 98  | 92  | 80  | 87  | 88  | 96  | 92  | 88  | 85  | 86  | 87  | 90  | 92  | 93              |
| 9              | 95                  | 97  | 100 | 100 | 100 | 96  | 90  | 85  | 75  | 69  | 66  | 63  | 60  | 57  | 58  | 59  | 61  | 65  | 68  | 72  | 69  | 78  | 80  | 80  | 77              |
| 10             | 78                  | 81  | 80  | 78  | 75  | 77  | 83  | 78  | 71  | 58  | 55  | 48  | 60  | 50  | 51  | 50  | 51  | 55  | 55  | 59  | 61  | 62  | 60  | 63  | 64              |
| 1 inç<br>onluk | 812                 | 840 | 864 | 867 | 861 | 882 | 862 | 842 | 779 | 744 | 689 | 666 | 668 | 645 | 625 | 638 | 655 | 694 | 690 | 693 | 704 | 736 | 778 | 798 | 75              |
| 11             | 65                  | 68  | 69  | 68  | 68  | 70  | 73  | 70  | 65  | 62  | 57  | 69  | 60  | 55  | 53  | 50  | 46  | 44  | 56  | 56  | 59  | 64  | 66  | 67  | 62              |
| 12             | 72                  | 68  | 69  | 67  | 68  | 70  | 68  | 66  | 64  | 61  | 62  | 58  | 55  | 51  | 45  | 43  | 45  | 42  | 49  | 47  | 48  | 50  | 51  | 52  | 57              |
| 13             | 51                  | 52  | 56  | 50  | 48  | 43  | 45  | 40  | 33  | 30  | 37  | 40  | 35  | 38  | 37  | 35  | 28  | 35  | 27  | 27  | 31  | 35  | 39  | 41  | 39              |
| 14             | 45                  | 39  | 45  | 49  | 47  | 47  | 54  | 51  | 55  | 58  | 58  | 54  | 50  | 45  | 47  | 55  | 75  | 87  | 91  | 87  | 91  | 90  | 89  | 92  | 63              |
| 15             | 96                  | 87  | 95  | 86  | 85  | 93  | 88  | 87  | 86  | 83  | 85  | 80  | 80  | 80  | 78  | 73  | 76  | 82  | 83  | 82  | 87  | 87  | 82  | 79  | 84              |
| 16             | 80                  | 77  | 85  | 85  | 88  | 88  | 87  | 83  | 78  | 71  | 67  | 65  | 67  | 62  | 62  | 65  | 64  | 67  | 74  | 78  | 79  | 80  | 84  | 84  | 76              |
| 17             | 85                  | 86  | 85  | 82  | 83  | 84  | 85  | 84  | 83  | 78  | 75  | 68  | 68  | 73  | 76  | 77  | 79  | 82  | 87  | 89  | 86  | 88  | 90  | 95  | 82              |
| 18             | 96                  | 98  | 95  | 96  | 94  | 92  | 92  | 97  | 96  | 94  | 93  | 90  | 91  | 90  | 93  | 96  | 98  | 98  | 96  | 93  | 90  | 90  | 88  | 89  | 94              |
| 19             | 93                  | 94  | 92  | 94  | 93  | 92  | 99  | 99  | 98  | 97  | 90  | 86  | 83  | 88  | 81  | 88  | 91  | 94  | 95  | 95  | 98  | 98  | 97  | 96  | 93              |
| 20             | 91                  | 92  | 87  | 86  | 90  | 85  | 82  | 87  | 75  | 70  | 60  | 60  | 65  | 58  | 63  | 66  | 67  | 75  | 73  | 80  | 86  | 89  | 93  | 93  | 78              |
| 2 inç<br>onluk | 777                 | 761 | 778 | 763 | 764 | 764 | 773 | 764 | 733 | 704 | 684 | 670 | 654 | 640 | 635 | 648 | 669 | 706 | 731 | 734 | 754 | 770 | 775 | 788 | 73              |
| 21             | 94                  | 95  | 93  | 94  | 96  | 98  | 88  | 80  | 82  | 62  | 43  | 51  | 55  | 46  | 47  | 45  | 51  | 70  | 80  | 87  | 75  | 78  | 77  | 78  | 74              |
| 22             | 86                  | 90  | 88  | 87  | 90  | 91  | 89  | 70  | 63  | 60  | 53  | 60  | 62  | 64  | 55  | 48  | 46  | 55  | 56  | 63  | 65  | 52  | 50  | 42  | 66              |
| 23             | 35                  | 34  | 32  | 39  | 37  | 43  | 56  | 45  | 31  | 28  | 30  | 31  | 32  | 33  | 34  | 34  | 40  | 50  | 60  | 60  | 70  | 78  | 85  | 88  | 45              |
| 24             | 91                  | 94  | 99  | 97  | 93  | 90  | 87  | 84  | 84  | 80  | 67  | 62  | 60  | 61  | 57  | 62  | 56  | 66  | 71  | 63  | 69  | 68  | 70  | 68  | 75              |
| 25             | 69                  | 70  | 72  | 78  | 85  | 86  | 81  | 76  | 75  | 67  | 62  | 58  | 54  | 49  | 46  | 43  | 45  | 50  | 55  | 58  | 57  | 57  | 60  | 70  | 64              |
| 26             | 71                  | 67  | 68  | 71  | 74  | 80  | 75  | 70  | 65  | 60  | 55  | 49  | 48  | 51  | 52  | 52  | 45  | 49  | 49  | 50  | 43  | 49  | 50  | 50  | 58              |
| 27             | 48                  | 50  | 70  | 85  | 96  | 98  | 88  | 70  | 65  | 55  | 54  | 53  | 50  | 52  | 56  | 63  | 70  | 58  | 63  | 57  | 59  | 58  | 58  | 60  | 64              |
| 28             | 57                  | 56  | 60  | 62  | 64  | 74  | 71  | 66  | 63  | 60  | 56  | 65  | 75  | 78  | 85  | 90  | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 94  | 78              |
| 29             | 96                  | 97  | 98  | 98  | 98  | 90  | 72  | 68  | 66  | 63  | 59  | 57  | 65  | 61  | 60  | 60  | 62  | 61  | 63  | 87  | 87  | 95  | 85  | 75  | 75              |
| 30             | 62                  | 63  | 73  | 68  | 67  | 70  | 74  | 75  | 72  | 75  | 75  | 75  | 73  | 70  | 68  | 68  | 70  | 72  | 73  | 84  | 95  | 96  | 97  | 93  | 75              |
| 31             | 87                  | 92  | 98  | 91  | 95  | 90  | 91  | 86  | 75  | 67  | 66  | 65  | 61  | 63  | 62  | 60  | 63  | 64  | 65  | 71  | 76  | 79  | 80  | 90  | 77              |
| inçü<br>onluk  | 796                 | 808 | 851 | 870 | 895 | 910 | 872 | 790 | 741 | 677 | 620 | 626 | 635 | 628 | 622 | 625 | 647 | 682 | 723 | 756 | 796 | 810 | 812 | 808 | 68              |
| Vasatı         | 77                  | 78  | 80  | 81  | 81  | 83  | 81  | 77  | 73  | 69  | 64  | 63  | 63  | 62  | 61  | 62  | 64  | 67  | 69  | 70  | 73  | 75  | 76  | 77  | 72              |

## Teressübat — Précipitation İkinci kânun 1936 — Janvier 1936

| Gün<br>Jour | S A A T — H E U R E |           |     |     |      |       |       |       |       |       |       |       | Yekûn<br>m/m | Devam<br>müddeti<br>Durée |
|-------------|---------------------|-----------|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|--------------|---------------------------|
|             | 0-2                 | 2-4       | 4-6 | 6-8 | 8-10 | 10-12 | 12-14 | 14-16 | 16-18 | 18-20 | 20-22 | 22-24 |              |                           |
| 10          | ←                   |           |     |     |      |       | Sis   |       |       |       |       | →     | 0.2          |                           |
| 11          | ←                   |           | Sis |     | →    |       |       |       |       |       | 0.8   | 0.5   | 1.3          | 2/15                      |
| 12          | 0.2                 | —         | —   | —   | —    | —     | —     | —     | —     | —     | —     | —     | 0.2          | 0/15                      |
| 13          |                     |           |     |     |      |       |       |       | 0.4   | 1.0   | 2.6   | —     | 4.0          | 3/15                      |
| 14          | ←                   | Sis (0.3) | →   |     |      |       |       |       |       |       |       |       | 0.3          | —                         |
| 15          |                     |           |     |     | 0.8  | —     | 0.1   | —     | —     | —     | —     | —     | 0.9          | 2/30                      |
| 17          | —                   | —         | —   | 0.3 | —    | —     | —     | —     | —     | —     | —     | —     | 0.3          | 0/15                      |
| 18          | —                   | —         | —   | —   | —    | —     | —     | —     | —     | —     | 0.2   | —     | 0.2          | 0/15                      |
| 19          | —                   | —         | —   | 0.5 | 1.7  | 5.1   | 0.6   | —     | —     | —     | —     | —     | 7.9          | 5/15                      |
| 20          | ←                   | Sis 0.2   | →   |     |      |       |       |       |       |       |       |       | 0.2          | —                         |
| 24          |                     | 8.4       | 2.4 | 0.1 | —    | —     | —     | —     | —     | —     | —     | —     | 10.9         | 2/00                      |
| 28          | —                   | —         | —   | —   | —    | —     | —     | —     | —     | —     | 0.9   | —     | 0.9          | 0/45                      |
| 29          | —                   | —         | —   | —   | —    | —     | —     | —     | 0.5   | 0.6   | 0.1   | 1.3   | 2.5          | 5/00                      |
| 30          | 2.6                 | 3.8       | —   | —   | —    | —     | —     | —     | —     | —     | —     | —     | 6.4          | 4/00                      |
| Yekûn       | —                   | —         | —   | —   | —    | —     | —     | —     | —     | —     | —     | —     | 36.2         | —                         |
|             | 1                   | 6         | 2   | 2   | 5    | 5     | 3     | 1     | 2     | 2     |       |       |              |                           |

## Şubat 1936 — Février 1936

|       |      |      |      |      |     |     |     |      |      |      |      |      |       |        |
|-------|------|------|------|------|-----|-----|-----|------|------|------|------|------|-------|--------|
| 4     | —    | —    | —    | —    | —   | —   | —   | 4.5  | 2.9  | —    | —    | —    | 7.4   | 3/30   |
| 5     | —    | —    | —    | —    | —   | —   | —   | —    | —    | —    | 0.5  | —    | 0.5   | 0/30   |
| 6     | —    | 0.4  | 0.4  | —    | —   | —   | 0.2 | 0.3  | 0.3  | 1.0  | 6.0  | 1.9  | 10.5  | 12/00  |
| 7     | 1.2  | 0.2  | 0.2  | 1.4  | 0.5 | 0.2 | —   | 0.1  | 0.2  | 0.1  | 0.2  | 0.3  | 4.6   | 17/00  |
| 8     | 4.5  | 14.2 | 7.5  | 1.8  | 5.0 | 1.6 | 2.7 | 0.4  | 0.7  | 4.5  | 10.1 | 15.5 | 68.5  | 24/00  |
| 9     | 6.1  | 2.6  | 4.0  | 4.8  | 1.2 | 1.2 | —   | —    | —    | —    | —    | —    | 19.9  | 12/00  |
| 10    | —    | —    | —    | —    | —   | —   | —   | —    | 0.1  | —    | —    | —    | 0.4   | 0/30   |
| 11    | —    | 0.7  | —    | —    | —   | —   | 0.1 | 4.4  | 5.5  | 5.5  | 1.4  | 1.1  | 18.7  | 11/15  |
| 12    | ←    |      |      |      |     |     |     | →    | —    | —    | —    | —    | 23.0  | 15/00  |
| 16    | —    | —    | —    | —    | —   | —   | —   | —    | —    | —    | —    | 0.2  | 0.2   | 2/00   |
| 17    | 0.5  | 1.4  | 0.2  | 1.0  | 0.2 | 0.2 | —   | —    | 0.1  | 0.6  | 0.6  | 0.1  | 4.9   | 12/30  |
| 18    | —    | —    | 0.2  | 0.1  | —   | 0.1 | 0.3 | 9.0  | 1.8  | 3.9  | 3.0  | 0.5  | 18.9  | 14/00  |
| 19    | 0.4  | 0.9  | 0.1  | 0.4  | 0.3 | 0.1 | —   | —    | —    | —    | —    | —    | 2.2   | 8/00   |
| 20    | —    | —    | —    | —    | —   | —   | 1.5 | 0.9  | —    | 0.8  | 3.9  | 1.8  | 8.9   | 8/45   |
| 21    | 1.3  | 0.4  | 0.1  | 0.1  | 0.2 | 0.4 | 0.1 | 0.2  | 0.5  | 0.3  | 0.3  | 0.3  | 4.2   | 19/00  |
| 22    | —    | —    | —    | —    | —   | 0.3 | —   | 0.1  | —    | 0.1  | —    | —    | 0.5   | 2/30   |
| 24    | —    | —    | —    | —    | —   | —   | —   | —    | —    | —    | 0.1  | 0.4  | 0.5   | 3/00   |
| 25    | —    | 0.2  | 0.1  | 0.5  | 0.6 | 1.1 | 1.3 | 0.5  | 0.4  | 0.1  | 0.1  | —    | 4.9   | 14/00  |
| 26    | —    | —    | 0.1  | —    | 0.1 | —   | 0.7 | —    | —    | —    | —    | 0.4  | 1.3   | 1/30   |
| Yekûn | 14.0 | 21.0 | 12.9 | 10.1 | 8.1 | 5.2 | 6.9 | 20.4 | 12.5 | 16.9 | 26.2 | 22.9 | 200.1 | 181/00 |
|       |      |      |      | 5    | 6   |     |     |      |      |      |      |      |       |        |

## Mart 1936 — Mars 1936

|       |     |     |           |     |     |     |     |   |     |     |     |     |      |       |
|-------|-----|-----|-----------|-----|-----|-----|-----|---|-----|-----|-----|-----|------|-------|
| 8     | 0.9 | 0.4 | —         | —   | —   | —   | —   | — | —   | —   | —   | —   | 1.3  | 3/30  |
| 14    | —   | —   | —         | —   | —   | —   | —   | — | 1.2 | 0.3 | 0.2 | —   | 1.7  | 2/15  |
| 18    | 0.1 | 0.1 | —         | 2.1 | 1.6 | 0.1 | —   | → | 4.0 | 4.0 | 1.7 | 3.0 | 16.7 | 7/15  |
| 19    | —   | ←   | Sis (0.2) | →   | —   | —   | 0.1 | — | —   | —   | 0.1 | —   | 0.4  | 1/00  |
| 20    | —   | 0.1 | 0.1       | 0.1 | —   | —   | —   | — | —   | —   | —   | —   | 0.3  | 1/30  |
| 28    | —   | —   | —         | —   | —   | —   | —   | — | —   | —   | 0.3 | —   | 0.3  | 2/00  |
| 29    | —   | 0.2 | 0.2       | —   | —   | —   | —   | — | —   | 0.1 | 0.1 | —   | 0.6  | 4/30  |
| 30    | —   | —   | —         | —   | —   | —   | —   | — | —   | —   | 0.4 | 0.3 | 0.7  | 3/00  |
| 31    | —   | 1.0 | 0.5       | 0.2 | —   | —   | —   | — | —   | —   | —   | —   | 1.7  | 3/00  |
| Yekûn | 1.0 | 1.8 | 0.8       | 2.6 | 1.6 | 0.1 | 0.1 | — | 5.2 | 4.4 | 2.8 | 3.3 | 23.7 | 28.00 |
|       |     | 6   | 4         | 11  | 3   | 1   |     | 0 | 2   |     | 6   | 2   |      |       |

## S A A T — H E U R E

| Gün<br>Jour        | 1     | 2     | 3     | 4     | 5     | 6     | 7     | 8      | 9     | 10     | 11     | 12     |
|--------------------|-------|-------|-------|-------|-------|-------|-------|--------|-------|--------|--------|--------|
| 1                  | SE 2  | SE 2  | SE 2  | SE 2  | SEE 2 | SEE 3 | SE 1  | SEE 1  | SEE 2 | SEE 0  | SE 0   | SSW 0  |
| 2                  | E 0   | NE 0  | NE 2  | NNE 1 | NE 0  | NE 1  | NE 1  | NEE 0  | NE 0  | NE 0   | N 0    | N 0    |
| 3                  | NNE 2 | NE 3  | E 2   | NEE 0 | NE 2  | NE 0  | E 3   | NEE 0  | E 2   | E 1    | SEE 0  | E 0    |
| 4                  | SEE 0 | SE 0  | SE 0  | SE 0  | SSE 5 | SE 0  | SE 3  | SE 3   | SE 6  | S 0    | SW 0   | SSE 0  |
| 5                  | SE 5  | S 2   | SE 2  | SE 0  | SE 3  | SE 4  | SE 3  | SE 3   | SEE 2 | SEE 0  | SE 0   | N 1    |
| 6                  | NE 6  | NE 8  | NE 8  | NE 10 | NE 6  | NE 7  | NE 8  | NNE 7  | NE 7  | NE 9   | NE 8   | NE 9   |
| 7                  | NNE 6 | NNE 5 | N 4   | NNE 3 | NNE 2 | NNE 3 | NE 1  | NE 2   | NNE 0 | NE 0   | N 0    | NNW 0  |
| 8                  | NEE 0 | NEE 0 | SEE 0 | SEE 0 | SEE 0 | SEE 0 | SEE 0 | SEE 0  | SEE 0 | SE 0   | SSW 0  | SW 0   |
| 9                  | S 3   | SSE 1 | SW 2  | S 3   | S 2   | S 1   | S 3   | S 1    | S 1   | S 2    | SSW 2  | SW 6   |
| 10                 | SSW 2 | SSW 2 | SSW 1 | SSW 0 | SSW 1 | SSW 2 | S 4   | SW 3   | SSW 3 | SW 2   | SW 3   | SSW 4  |
| 11                 | SW 4  | SW 4  | SSW 5 | SW 4  | SSW 6 | SW 7  | SW 6  | SW 9   | SW 7  | SW 8   | SW 9   | SW 7   |
| 12                 | W 4   | SSW 3 | SW 2  | SW 3  | W 2   | S 3   | SW 6  | SW 5   | SSW 8 | SWW 6  | SW 6   | SW 3   |
| 13                 | W 6   | NNW 4 | N 6   | NNE 5 | NNE 7 | NNE 6 | NNE 7 | NNE 5  | NNE 5 | N 2    | N 1    | N 4    |
| 14                 | W 0   | W 0   | W 0   | W 0   | W 0   | W 0   | W 0   | W 0    | W 0   | W 0    | SW 0   | SSW 4  |
| 15                 | SW 5  | SW 5  | S 6   | SW 6  | SW 7  | SW 7  | N 5   | NNE 4  | NNE 5 | NE 5   | NNE 5  | NNE 8  |
| 16                 | NEE 1 | NE 1  | NE 2  | NE 0  | NEE 2 | NE 3  | NE 3  | NEE 3  | NE 2  | E 3    | SEE 5  | SEE 4  |
| 17                 | E 0   | E 1   | E 1   | SEE 2 | SEE 5 | SEE 3 | SEE 3 | SEE 3  | SE 4  | SSE 2  | SE 0   | SE 0   |
| 18                 | SE 1  | SE 1  | SSE 1 | S 2   | S 3   | S 3   | S 3   | SSW 3  | SSW 3 | S 3    | SSW 5  | SSW 5  |
| 19                 | SSW 8 | SW 4  | SW 5  | SW 7  | SW 6  | SSW 5 | SW 6  | SSW 7  | SSW 6 | SW 7   | S 3    | SSE 3  |
| 20                 | NWW 1 | NWW 0 | NWW 0 | NWW 0 | NWW 0 | NWW 0 | SSE 1 | SSE 1  | SSE 0 | S 1    | SSE 2  | SSW 5  |
| 21                 | S 5   | SSE 9 | S 6   | S 6   | S 3   | S 4   | S 3   | S 3    | S 4   | S 5    | SSW 6  | S 7    |
| 22                 | SW 7  | SW 9  | SW 6  | SW 9  | SW 8  | SW 7  | SW 6  | SW 6   | SW 7  | SW 7   | SW 7   | SW 7   |
| 23                 | SW 3  | SW 3  | SW 7  | SSW 7 | SSW 8 | S 10  | S 11  | S 10   | S 7   | SSW 10 | SSW 12 | SSW 12 |
| 24                 | SW 13 | SW 13 | N 14  | NNE 9 | NE 6  | E 3   | N 4   | N 0    | W 4   | NWW 5  | NNW 4  | NWW 5  |
| 25                 | NE 3  | SSE 5 | SSE 5 | SE 5  | SE 3  | SE 4  | S 3   | SSE 7  | S 5   | S 4    | S 4    | S 4    |
| 26                 | SW 7  | SW 7  | SW 11 | SW 6  | SW 7  | SW 7  | SW 6  | SW 6   | SWW 6 | SW 7   | SW 9   | SW 7   |
| 27                 | SW 5  | SSW 6 | SSW 7 | SSW 5 | SW 7  | SSW 7 | SSW 6 | SW 8   | SSW 7 | SSW 9  | SSW 6  | SSW 10 |
| 28                 | S 4   | S 3   | SSW 4 | S 4   | S 4   | SSW 3 | SSW 2 | S 3    | S 2   | SSW 1  | SSW 2  | SW 2   |
| 29                 | SSE 2 | S 2   | NWW 1 | SSW 7 | SSW 5 | SSW 1 | SSW 2 | S 1    | S 3   | S 0    | SSW 3  | SW 2   |
| 30                 | NW 0  | N 1   | N 3   | N 5   | N 5   | N 5   | N 6   | N 5    | N 4   | N 3    | N 3    | N 3    |
| 31                 | E 5   | E 5   | E 4   | SEE 6 | SEE 7 | SEE 9 | SEE 8 | SEE 13 | E 17  | E 13   | SEE 9  | E 6    |
| Galip<br>istikamet | S     | S     | S     | S     | SSE   | SSE   | SSE   | SSE    | SSE   | S      | S      | SSW    |

Vent

İkinci ânun 1936 — Janvier 1936

| S A A T — H E U R E |        |        |        |        |        |        |        |        |        |        |       | Gün<br>Jour        |
|---------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|--------------------|
| 13                  | 14     | 15     | 16     | 17     | 18     | 19     | 20     | 21     | 22     | 23     | 24    |                    |
| NWW 6               | NE 0   | NNE 0  | NE 0   | NE 0   | NE 0   | NEE 0  | E 0    | E 2    | E 2    | NEE 0  | NEE 0 | 1                  |
| N 0                 | N 3    | N 3    | N 1    | NE 3   | NE 0   | NE 2   | NE 1   | NEE 3  | NE 2   | NE 0   | NE 2  | 2                  |
| SEE 0               | SEE 0  | SEE 0  | NNE 0  | NE 1   | NE 0   | NE 1   | E 2    | NNE 0  | N 0    | E 1    | E 1   | 3                  |
| SW 3                | SW 0   | SW 0   | SW 0   | SW 0   | SE 2   | SE 5   | SE 4   | SE 3   | SE 2   | SE 3   | SE 5  | 4                  |
| N 3                 | NNE 4  | NNE 4  | NNE 4  | NE 5   | NE 6   | NEE 5  | NE 5   | NEE 5  | NE 5   | NE 6   | NE 6  | 5                  |
| NE 10               | NE 9   | NE 12  | NE 8   | NE 8   | NE 9   | NE 8   | NNE 8  | NNE 7  | NNE 7  | NNE 6  | NNE 6 | 6                  |
| N 0                 | N 4    | N 3    | N 3    | NNE 3  | NNE 0  | NNE 0  | NE 0   | NEE 0  | E 0    | NEE 0  | NEE 0 | 7                  |
| SWW 0               | SW 2   | SW 0   | SW 2   | S 0    | SE 2   | SE 3   | SE 3   | SE 4   | SSE 3  | SSE 2  |       | 8                  |
| SW 5                | SW 4   | SWW 4  | SSW 4  | SW 3   | SSW 4  | SSW 3  | SSW 4  | SSW 3  | SW 1   | SSW 2  | SSW 2 | 9                  |
| SSW 3               | SW 3   | SW 4   | SW 3   | SW 0   | SW 2   | SSW 1  | SSW 4  | S 4    | SW 4   | SW 3   | SSW 3 | 10                 |
| SW 6                | SW 7   | SW 7   | SW 6   | SSW 4  | SW 4   | SW 3   | W 3    | W 6    | SWW 6  | SWW 5  | SW 3  | 11                 |
| SW 1                | SW 4   | SW 5   | SSW 3  | SW 4   | SW 3   | SW 4   | SSW 3  | SW 2   | SWW 2  | W 1    | W 6   | 12                 |
| NNE 3               | NNE 3  | N 2    | N 5    | N 3    | N 3    | N 5    | N 3    | N 1    | N 0    | N 0    | W 0   | 13                 |
| SW 6                | SSW 4  | SW 5   | SSW 5  | S 4    | SSW 3  | SSW 4  | SSW 4  | SSW 4  | SW 7   | SW 7   | SW 6  | 14                 |
| NNE 5               | NE 5   | NE 4   | NNE 3  | NE 3   | NE 2   | NE 2   | NE 2   | SEE 2  | SEE 5  | E 6    | NE 3  | 15                 |
| SEE 1               | NNE 0  | NE 0   | NNE 1  | NNE 1  | NE 1   | E 2    | NNE 3  | NEE 3  | E 0    | NE 2   | E 1   | 16                 |
| SE 0                | SW 0   | SW 1   | SW 0   | SW 5   | W 1    | NWW 1  | E 3    | NEE 2  | SEE 3  | SE 0   | SE 0  | 17                 |
| SSW 6               | SSW 6  | SSW 3  | S 3    | S 2    | SW 1   | S 1    | S 4    | S 3    | S 4    | S 5    | SSW 8 | 18                 |
| SSW 1               | S 5    | S 5    | SW 7   | SWW 4  | SW 3   | SW 2   | SSW 4  | S 0    | SSW 2  | NWW 1  | NWW 1 | 19                 |
| SW 4                | SSW 4  | SW 3   | SW 2   | SSW 1  | S 2    | SSE 3  | SSE 4  | SSE 3  | SSE 6  | SSE 3  | S 2   | 20                 |
| SSW 6               | SW 6   | SW 8   | SSW 6  | SSW 7  | SW 7   | SW 8   | SW 7   | SW 6   | SW 7   | SW 8   | SW 10 | 21                 |
| SW 6                | SW 6   | SW 6   | SW 5   | SW 4   | SSW 3  | SSW 2  | S 3    | S 5    | SSW 4  | SSW 4  | SSW 4 | 22                 |
| SSW 11              | SSW 16 | SSW 13 | SSW 13 | SSW 15 | SSW 17 | SSW 19 | SSW 16 | SSW 16 | SSW 13 | SSW 16 | SW 14 | 23                 |
| NW 5                | W 6    | NWW 5  | NWW 4  | W 5    | W 6    | W 4    | W 5    | NWW 3  | NNW 2  | NE 0   | NE 2  | 24                 |
| SSW 5               | SW 4   | SW 5   | SW 5   | SSW 4  | SSW 5  | S 4    | S 4    | S 4    | S 4    | S 5    | SSW 5 | 25                 |
| SW 12               | SW 10  | SW 5   | SW 6   | SW 3   | SSW 5  | SSW 5  | SSW 5  | SW 5   | SW 8   | SW 10  | SSW 6 | 26                 |
| SW 11               | SW 12  | SW 14  | SW 13  | SW 7   | SW 7   | SW 4   | SSW 5  | SSW 5  | S 5    | S 4    | SSW 4 | 27                 |
| SSE 8               | S 2    | SSW 2  | SEE 4  | SE 5   | E 0    | E 0    | SE 3   | SWW 10 | SW 4   | S 1    | S 5   | 28                 |
| SSW 3               | SW 2   | SWW 2  | SWW 4  | NWW 5  | W 3    | S 1    | SSE 0  | SE 0   | SE 1   | W 0    | NWW 1 | 29                 |
| N 3                 | N 3    | N 3    | N 2    | N 2    | NE 4   | E 1    | E 3    | E 5    | SEE 5  | E 4    | E 4   | 30                 |
| NEE 8               | E 8    | NE 8   | NE 8   | NEE 7  | NEE 11 | NE 6   | NE 7   | E 8    | E 7    | NEE 5  | E 7   | 31                 |
| SW                  | SW     | SWW    | SWW    | SW     | SEW    | SSE    | SSE    | SSE    | SSE    | SSE    | S     | Calip<br>istikamet |

## S A A T — H E U R E

| Gün<br>Jour        | 1      | 2      | 3      | 4      | 5      | 6      | 7      | 8     | 9      | 10     | 11     | 12       |
|--------------------|--------|--------|--------|--------|--------|--------|--------|-------|--------|--------|--------|----------|
| 1                  | NNE 4  | NE 4   | NE 2   | NNE 2  | N 3    | NNE 3  | NE 1   | E 4   | E 2    | N 0    | N 0    | N 2      |
| 2                  | SEE 5  | SSE 5  | S 0    | NW 1   | S 2    | SW 0   | SW 1   | W 1   | SWW 3  | SW 7   | SSW 6  | SSW 7    |
| 3                  | SSW 12 | SSW 10 | SSW 10 | SSW 12 | SSW 13 | SSW 16 | SSW 12 | S 8   | SSW 9  | SSW 13 | SSW 12 | SSW 13   |
| 4                  | SE 9   | SE 8   | SE 6   | SE 9   | SE 8   | SE 8   | SE 9   | SE 9  | SE 9   | SE 10  | SE 13  | SE 11    |
| 5                  | S 11   | SSW 8  | SSW 6  | S 9    | S 10   | S 9    | S 9    | SSE 5 | SSE 3  | SSE 8  | SSE 5  | S 6      |
| 6                  | S 8    | S 7    | S 6    | S 4    | S 8    | S 6    | S 4    | SW 2  | SSW 6  | SSW 5  | SSW 4  | SW 0     |
| 7                  | N 8    | N 6    | N 5    | N 5    | N 6    | N 5    | N 6    | N 6   | N 7    | N 6    | N 6    | N 7      |
| 8                  | NE 7   | NE 7   | E 5    | NEE 3  | NNE 3  | NE 5   | NNE 5  | NE 6  | NE 6   | NE 6   | NNE 7  | NNE 6    |
| 9                  | SW 9   | SW 8   | NW 2   | NW 14  | NW 16  | NW 14  | NW 12  | NW 10 | NW 11  | NW 10  | NW 9   | NW 8     |
| 10                 | SSW 6  | SSW 6  | S 5    | S 4    | S 6    | S 7    | S 9    | S 10  | S 10   | S 10   | SW 12  | SW 7     |
| 11                 | SE 4   | SSE 6  | SSE 6  | SSE 5  | SE 5   | SE 5   | SE 4   | SE 4  | SEE 0  | SE 5   | SE 7   | SE 8 (*) |
| 12                 | NW     | NW     | NW     | NW     | NW     | NW     | NW     | NW    | NW     | NW     | NW     | NW (*)   |
| 13                 | NNW    | W      | NW     | NNE    | N      | NNE    | NNE    | N     | N      | NNE    | NW 2   | NW 3     |
| 14                 | SW 9   | SW 9   | SW 10  | SW 13  | SW 12  | SW 13  | SW 13  | SW 13 | SWW 13 | SW 12  | NWW 10 | NWW 7    |
| 15                 | SWW 7  | SWW 7  | SWW 7  | SWW 7  | SWW 6  | SWW 7  | SWW 7  | SWW 7 | W 7    | W 8    | NNW 5  | N 9      |
| 16                 | E 3    | E 3    | E 3    | E 4    | E 4    | E 4    | NEE 4  | E 4   | E 0    | NE 0   | NEE 0  | NEE 0    |
| 17                 | NE 2   | NE 2   | N 0    | NE 0   | NNE 2  | N 2    | NNE 2  | NNE 3 | NE 3   | NNE 2  | NE 3   | N 1      |
| 18                 | E 1    | E 0    | E 0    | E 0    | E 0    | E 0    | E 0    | E 1   | NW 0   | NE 1   | NE 0   | NE 0     |
| 19                 | NNW 6  | N 4    | N 5    | N 6    | N 6    | N 5    | N 7    | N 6   | NNE 7  | NNE 6  | NE 9   | NNE 9    |
| 20                 | NE 3   | E 6    | NEE 5  | E 5    | E 3    | E 1    | E 3    | E 1   | E 1    | E 0    | NE 1   | NW 2     |
| 21                 | SEE 0  | NE 3   | NE 2   | NE 3   | NNE 4  | N 5    | N 5    | N 4   | N 6    | N 6    | N 6    | N 6      |
| 22                 | NNE 4  | NNE 3  | NE 2   | NE 4   | NE 0   | NE 2   | NEE 0  | NE 1  | NE 0   | NE 1   | E 1    | NNE 3    |
| 23                 | SEE 5  | SE 7   | NEE 4  | SEE 4  | SEE 4  | SEE 4  | E 2    | E 1   | E 3    | E 4    | E 6    | E 8      |
| 24                 | NEE 3  | SEE 4  | SEE 5  | SEE 7  | SEE 6  | SEE 5  | SEE 6  | SEE 4 | SE 3   | E 4    | SE 2   | S 0      |
| 25                 | NEE 5  | E 6    | NE 3   | NE 0   | E 4    | E 3    | NEE 4  | NE 2  | NEE 1  | NE 2   | NE 0   | NE 0     |
| 26                 | NNW 3  | NNW 0  | N 0    | NNE 3  | NNE 3  | NE 4   | NE 3   | NEE 3 | NE 3   | NE 2   | NEE 4  | NE 3     |
| 27                 | NNE 3  | NNE 1  | NNE 2  | NNE 2  | NNE 1  | SEE 3  | SE 0   | SE 4  | SSE 0  | SW 1   | SWW 0  | SWW 3    |
| 28                 | E 0    | E 0    | E 0    | E 4    | SE 4   | SE 0   | SE 3   | S 1   | SE 4   | SSE 3  | S 1    | SSE 4    |
| 29                 | SSE 12 | SSW 6  | SW 3   | SW 4   | SW 3   | S 5    | S 3    | SSE 3 | SSE 5  | S 3    | SSW 3  | SWW 3    |
| Galip<br>istikamet | E      | SEE    | NEE    | NEE    | E      | E      | E      | E     | E      | NEE    | NE     | N        |

(\*) 11 inci gün saat 21/30 şiddetli rüzgâr darbesiyle aletler bozulmuş ve bu günkü rüzgâr şiddetleri kaydedilememiştir.

Vent

Şubat 1936 — Février 1936

| S A A T — H E U R E |       |        |        |        |       |       |       |       |        |        |        | Gün<br>Jour        |
|---------------------|-------|--------|--------|--------|-------|-------|-------|-------|--------|--------|--------|--------------------|
| 13                  | 14    | 15     | 16     | 17     | 18    | 19    | 20    | 21    | 22     | 23     | 24     |                    |
| NNE 2               | NNE 2 | N 3    | N 1    | NE 1   | NE 0  | NE 4  | N 5   | N 4   | NNE 4  | NNE 3  | NNE 3  | 1                  |
| SW 5                | SW 7  | SW 6   | SSW 5  | SSW 2  | SSE 3 | SSE 2 | S 3   | SSW 7 | SW 13  | SSW 19 | SSW 12 | 2                  |
| SW 12               | SW 11 | SSW 10 | SW 9   | SSW 5  | S 5   | SSE 3 | S 4   | SE 4  | SSE 6  | SSE 9  | SE 9   | 3                  |
| SE 9                | SE 13 | SWW 11 | S 8    | SSE 6  | SSE 8 | SE 10 | SE 9  | SE 9  | SSE 9  | S 10   | S 13   | 4                  |
| SSW 5               | SSW 6 | SSW 5  | SSE 1  | SSE 7  | SSE 6 | SSW 2 | NWW 0 | S 9   | S 9    | S 13   | S 9    | 5                  |
| NW 0                | N 4   | N 5    | N 3    | NNE 3  | N 4   | N 6   | N 6   | N 8   | N 9    | N 9    | N 8    | 6                  |
| N 3                 | N 8   | N 8    | NNE 7  | NNE 7  | NNE 8 | NNE 9 | NNE 9 | NNE 8 | NNE 8  | NNE 9  | NNE 10 | 7                  |
| N 5                 | N 7   | NNE 9  | NNE 10 | N 7    | N 7   | N 5   | N 5   | NNW 3 | SSW 3  | NWW 3  | SWW 5  | 8                  |
| NW 7                | NW 6  | NW 3   | NWW 1  | W 1    | SSW 4 | SSW 2 | S 3   | S 4   | S 4    | S 5    | SSW 6  | 9                  |
| SSW 9               | SSW 8 | SW 8   | SW 5   | SSW 4  | SW 1  | S 4   | SSE 4 | S 1   | SSE 4  | SE 4   | SE 4   | 10                 |
| SE 7                | SE 8  | SEE 8  | E 8    | NE 8   | NEE 9 | NE 9  | NNE 8 | N 10  | NE 10  | NW 25  | NW     | 11                 |
| NW                  | NW    | NW     | NW     | NW     | NW    | NW    | NW    | NW    | NW     | SW     | W      | 12                 |
| NW 3                | NW 2  | NWW 3  | NWW 3  | W 2    | W 3   | W 3   | SWW 3 | SSW 2 | SWW 5  | SW 10  | SW 9   | 13                 |
| NWW 4               | NW 3  | NWW 2  | W 1    | SW 3   | SWW 2 | SW 0  | SWW 4 | SW 2  | SW 2   | SW 3   | SWW 5  | 14                 |
| N 8                 | N 9   | NNW 8  | NNE 7  | NE 6   | NE 4  | E 6   | E 8   | E 6   | E 5    | E 5    | E 3    | 15                 |
| W 0                 | W 0   | NW 0   | NNE 5  | NNE 3  | NEE 6 | E 5   | NE 2  | NE 2  | E 4    | NE 2   | NE 2   | 16                 |
| N 2                 | N 2   | N 2    | N 1    | N 4    | NNE 3 | NE 4  | NNE 4 | NEE 3 | NE 3   | E 4    | E 1    | 17                 |
| NE 1                | NE 2  | NEE 1  | E 5    | E 4    | NW 1  | N 1   | N 4   | N 5   | N 5    | N 5    | N 6    | 18                 |
| NNE 8               | NNE 6 | NNE 7  | NNE 6  | NE 5   | NE 5  | NE 3  | NE 1  | NE 0  | NE 1   | NEE 3  | NEE 3  | 19                 |
| NW 2                | SW 4  | SSW 3  | S 2    | S 2    | S 2   | S 1   | SSE 0 | SE 0  | SEE 0  | SEE 0  | SEE 0  | 20                 |
| N 6                 | N 5   | N 5    | N 3    | N 6    | N 6   | N 5   | N 8   | N 4   | NNE 5  | NNE 7  | NNE 4  | 21                 |
| N 1                 | N 3   | NE 4   | NNE 5  | NEE 5  | NEE 3 | E 3   | E 5   | NEE 4 | SEE 3  | SEE 4  | SEE 2  | 22                 |
| E 7                 | E 7   | E 6    | E 7    | E 7    | NEE 6 | N 4   | NEE 3 | NEE 0 | E 2    | NEE 3  | E 5    | 23                 |
| SE 1                | NNE 4 | NNE 3  | NNE 4  | NE 4   | E 5   | NEE 5 | E 5   | E 6   | NE 4   | E 5    | NEE 3  | 24                 |
| NE 0                | NE 0  | NNE 2  | NNW 4  | NNW 4  | NNW 2 | NNW 0 | NNW 0 | NNW 2 | NNW 1  | NNW 0  | NNW 2  | 25                 |
| N 0                 | NNE 2 | NNE 4  | N 4    | NNE 6  | NNE 7 | NE 5  | NE 5  | NE 4  | NE 3   | NNE 0  | NE 5   | 26                 |
| SW 2                | SW 0  | SWW 0  | SWW 3  | SW 1   | SW 0  | E 4   | SEE 4 | SEE 4 | SE 5   | SE 5   | SEE 5  | 27                 |
| SSE 6               | S 7   | S 3    | SSE 10 | SSE 11 | SSE 9 | SSE 9 | SSE 9 | SSE 9 | SSE 12 | SSE 14 | SSE 11 | 28                 |
| SW 6                | SW 5  | SSW 7  | SSW 7  | SSW 7  | SW 7  | SW 6  | S 4   | SSW 4 | SW 3   | S 4    | SSW 2  | 29                 |
| NNW                 | NNW   | NNW    | N      | NE     | NE    | NEE   | NEE   | NEE   | E      | SEE    | E      | Calip<br>istikamet |

| Gün<br>Joar        | S A A T — H E U R E |       |       |       |       |       |       |       |       |       |       |       |
|--------------------|---------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|                    | 1                   | 2     | 3     | 4     | 5     | 6     | 7     | 8     | 9     | 10    | 11    | 12    |
| 1                  | SSW 4               | W 1   | SW 2  | SW 3  | SWW 3 | SW 2  | S 1   | SW 1  | S 1   | SSW 3 | SSW 3 | SW 3  |
| 2                  | SSW 3               | SSW 4 | SW 2  | SW 1  | SSW 2 | S 4   | S 3   | S 3   | SSW 5 | SSW 7 | SW 6  | SW 6  |
| 3                  | S 3                 | S 1   | SSE 2 | SW 2  | SSW 3 | SW 2  | SSW 2 | SSW 3 | SSW 3 | SW 4  | SW 6  | SW 5  |
| 4                  | E 3                 | E 1   | NNE 4 | NE 5  | NE 4  | NE 5  | NE 5  | NE 4  | NE 5  | NNE 5 | NNE 5 | N 6   |
| 5                  | NE 6                | NNE 6 | NNE 4 | NNE 5 | NNE 5 | NNE 7 | NNE 5 | N 4   | N 6   | N 4   | N 5   | N 6   |
| 6                  | NNE 5               | NE 6  | NE 4  | NE 4  | NE 4  | NNE   | NNE   | N     | NE 4  | NNE 5 | NNE 6 | NNE 7 |
| 7                  | SSW 3               | SW 2  | SW 4  | SW 4  | SW 4  | SW 4  | SW 4  | SWW 3 | SSW 2 | SW 3  | SW 6  | SWW 7 |
| 8                  | N 1                 | N 2   | NNE 7 | NNE 8 | N 8   | NNE 6 | NNE 4 | NNE 6 | NNE 6 | NNE 6 | NNE 6 | NNE 7 |
| 9                  | N 8                 | N 8   | NNE 9 | NNE 8 | NNE 7 | NNE 7 | NNE 7 | NNE 6 | N 5   | NNE 6 | N 4   | N 3   |
| 10                 | SEE 1               | E 0   | E 0   | E 0   | SEE 0 | SSE 1 | SSE 1 | SE 2  | SSE 0 | SW 1  | SWW 0 | W 0   |
| 11                 | NEE 1               | NEE 1 | NE 0  | NE 1  | NE 1  | NE 0  | NE 3  | NEE 4 | NEE 0 | NE 0  | NNE 2 | SWW 4 |
| 12                 | E 2                 | E 1   | E 0   | E 0   | E 0   | E 1   | E 1   | E 0   | E 1   | E 4   | SW 6  | SWW 4 |
| 13                 | SSW 3               | SSW 4 | SSW 5 | S 5   | S 4   | S 5   | S 5   | S 3   | S 5   | S 4   | SW 2  | SW 3  |
| 14                 | SW 5                | SSW 5 | SSW 4 | SSW 5 | SSW 5 | SSW 2 | SE 0  | SSW 2 | SSE 3 | SE 1  | SW 1  | SW 2  |
| 15                 | S 5                 | SW 1  | W 2   | SWW 4 | SW 4  | SWW 3 | NW 2  | N 4   | N 4   | NNE 7 | NNE 6 | NNE 7 |
| 16                 | NE 7                | NEE 7 | NE 6  | NE 6  | NE 5  | NE 6  | NE 6  | NE 7  | NEE 9 | NEE 9 | NE 8  | E 6   |
| 17                 | E 5                 | E 6   | E 5   | E 5   | E 4   | E 4   | E 6   | E 7   | E 6   | E 6   | NEE 6 | E 7   |
| 18                 | E 6                 | E 7   | E 8   | E 7   | E 8   | E 5   | E 4   | E 8   | E 7   | NEE 8 | NEE 8 | NE 7  |
| 19                 | E 4                 | NEE 2 | NEE 3 | NEE 1 | NEE 3 | NEE 1 | NE 3  | NE 4  | NEE 5 | N 3   | N 6   | N 6   |
| 20                 | NNE 7               | NNE 6 | NNE 7 | NNE 7 | NNE 5 | NNE 7 | NNE 7 | NNE 6 | NNE 7 | NNE 8 | NNE 8 | N 7   |
| 21                 | NE 2                | NE 2  | NE 2  | NE 3  | E 3   | NEE 3 | NEE 4 | NEE 3 | NEE 2 | NNE 2 | NE 5  | NEE 6 |
| 22                 | NE 5                | NE 8  | NE 4  | NE 2  | NNE 3 | NNE 2 | NE 4  | NE 6  | E 6   | NE 4  | NE 6  | NNE 6 |
| 23                 | SE 7                | SSE 4 | SSE 1 | SSE 2 | S 3   | S 5   | S 3   | SSW 2 | S 6   | S 6   | S 6   | SSW 4 |
| 24                 | SW 4                | SSW 4 | SW 4  | SW 5  | SW 5  | SW 5  | SW 6  | SW 7  | SW 6  | SW 8  | SW 9  | SW 9  |
| 25                 | SSW 4               | SSW 4 | SSW 4 | S 0   | S 1   | S 3   | S 2   | SSW 3 | SSW 2 | SW 3  | SW 3  | SW 3  |
| 26                 | SW 0                | SW 0  | SSW 0 | SSW 0 | SSW 0 | SSW 0 | SSW 0 | SSW 1 | SW 0  | SW 0  | SWW 0 | W 0   |
| 27                 | NNE 2               | NNE 1 | NE 2  | NE 2  | NE 4  | NNE 1 | NE 0  | NE 0  | SSE 3 | SSE 1 | NNW 2 | NNW 1 |
| 28                 | SSE 1               | SSE 1 | SSE 2 | SSE 1 | SSW 2 | SSW 2 | S 2   | SW 2  | SW 2  | SW 2  | SW 5  | NNE 5 |
| 29                 | NE 11               | NE 10 | NE 11 | NE 12 | NE 11 | NE 12 | NE 11 | NE 12 | NE 10 | NE 11 | NE 10 | NE 13 |
| 30                 | NE 8                | NE 7  | NE 8  | NE 10 | NE 10 | NE 10 | NE 10 | NE 11 | NE 11 | NE 10 | NE 12 | NE 11 |
| 31                 | NNE 6               | NNE 3 | NNE 6 | NNE 5 | NNE 6 | NNE 3 | NNE 6 | NNE 7 | NNE 5 | N 8   | NNE 7 | NE 10 |
| Galip<br>istikamet | E                   | E     | NEE   | NEE   | E     | E     | E     | NEE   | E     | NEE   | N     | NNW   |

| S A A T — H E U R E |       |        |        |       |       |        |        |        |        |       |       | Gün<br>Jour        |
|---------------------|-------|--------|--------|-------|-------|--------|--------|--------|--------|-------|-------|--------------------|
| 13                  | 14    | 15     | 16     | 17    | 18    | 19     | 20     | 21     | 22     | 23    | 24    |                    |
| SW 4                | SW 3  | SWW 3  | SWW 2  | SWW 1 | SWW 2 | SWW 0  | NW 2   | N 2    | NE 4   | SW 3  | SSW 4 | 1                  |
| SWW 5               | SWW 4 | SW 5   | SWW 7  | SWW 4 | SW 6  | W 5    | SWW 5  | SW 4   | SSW 5  | SSW 4 | SW 3  | 2                  |
| SW 5                | SW 4  | N 4    | N 3    | N 4   | NNE 4 | NE 3   | NEE 5  | E 5    | E 3    | E 2   | E 2   | 3                  |
| N 8                 | N 8   | N 7    | N 7    | NNE 8 | NNE 8 | NNE 7  | NE 5   | NE 4   | NE 4   | NE 4  | NE 5  | 4                  |
| N 7                 | N 7   | N 10   | N 8    | NNE 8 | NE 7  | NE 8   | NE 7   | NE 7   | NNE 5  | NNE 7 | NNE 3 | 5                  |
| NNE 6               | NNE 5 | NNE 5  | NNE 6  | NE 6  | NEE 6 | SEE 10 | SEE 6  | NW 7   | NWW 6  | NW 5  | SW 4  | 6                  |
| SW 7                | SW 6  | SW 5   | SWW 3  | SW 1  | SW 0  | S 1    | S 3    | SEE 1  | W 4    | NNW 0 | SSW 4 | 7                  |
| NNE 8               | NNE 8 | NNE 8  | NNE 8  | NNE 7 | NNE 8 | NNE 8  | NNE 6  | NNE 6  | NNE 5  | N 5   | N 6   | 8                  |
| N 2                 | N 2   | N 3    | N 4    | N 4   | NE 2  | NEE 3  | E 4    | E 3    | SE 4   | SEE 2 | SEE 2 | 9                  |
| SWW 2               | N 3   | N 5    | N 3    | N 4   | NNE 3 | NE 3   | NE 4   | NE 2   | NE 3   | NEE 4 | NEE 3 | 10                 |
| SWW 1               | W 1   | W 1    | N 1    | NE 2  | E 2   | E 0    | E 1    | E 1    | E 3    | NEE 3 | NEE 2 | 11                 |
| SWW 5               | SW 5  | SW 5   | SW 5   | SW 4  | SW 2  | SW 2   | SW 0   | SW 2   | SSW 0  | SSW 2 | SSW 3 | 12                 |
| SSW 4               | SW 4  | SW 4   | SW 2   | SWW 0 | S 2   | S 4    | S 6    | S 4    | S 4    | S 5   | SSW 3 | 13                 |
| SW 3                | SWW 1 | NWW 0  | NW 3   | N 7   | N 2   | NNW 0  | S 6    | SSE 10 | NW 3   | SW 2  | SW 3  | 14                 |
| NNE 6               | NNE 5 | NNE 6  | NNE 5  | NNE 6 | NNE 6 | NE 6   | NEE 4  | NE 5   | NEE 4  | NE 6  | NE 7  | 15                 |
| E 8                 | NE 8  | NEE 10 | NEE 10 | NEE 9 | NEE 8 | NE 6   | NE 6   | E 7    | E 6    | NEE 5 | NE 4  | 16                 |
| NEE 7               | NEE 9 | NEE 9  | NEE 8  | E 7   | NE 6  | E 9    | E 6    | NEE 7  | NEE 5  | NE 5  | E 6   | 17                 |
| NNE 9               | NNE 9 | NE 10  | NE 10  | NE 7  | NE 9  | NNE 7  | NEE 10 | NE 8   | E 8    | NEE 7 | NE 4  | 18                 |
| NNE 6               | NNE 7 | NNE 7  | NNE 7  | NNE 6 | NNE 8 | NNE 8  | NNE 7  | NNE 7  | NNE 7  | NNE 8 | NNE 9 | 19                 |
| N 7                 | N 7   | N 7    | N 6    | N 4   | N 3   | NE 3   | E 5    | SEE 5  | E 4    | NE 3  | NE 3  | 20                 |
| NNE 7               | NE 6  | NE 7   | NE 8   | NE 7  | NE 8  | NE 7   | NE 7   | NE 8   | NE 7   | NE 6  | NE 6  | 21                 |
| N 6                 | N 7   | NE 8   | NEE 10 | E 8   | NE 6  | E 7    | E 7    | E 7    | E 5    | SEE 4 | SE 7  | 22                 |
| SW 4                | SW 6  | SW 3   | SW 3   | SWW 1 | SW 3  | SW 3   | SW 3   | SW 3   | SW 3   | SW 3  | SSW 2 | 23                 |
| SW 9                | SW 7  | SW 6   | SW 6   | SW 5  | SW 3  | SSW 3  | SSW 3  | SSW 3  | SSW 3  | SSW 4 | SSW 3 | 24                 |
| SW 3                | SW 3  | SWW 3  | SW 2   | SW 2  | SW 1  | SW 1   | SW 2   | SW 0   | SW 6   | SW 1  | SW 0  | 25                 |
| N 3                 | N 5   | N 5    | N 5    | NNE 4 | E 4   | E 6    | E 4    | E 4    | E 2    | E 0   | NNE 0 | 26                 |
| SW 4                | SW 6  | SW 4   | SW 5   | SSW 5 | S 0   | S 1    | SSW 1  | SSE 3  | SSE 2  | SSE 3 | SSE 2 | 27                 |
| NNE 8               | NNE 8 | N 9    | N 6    | N 8   | N 8   | NNE 8  | NNE 10 | NNE 11 | NNE 10 | NE 11 | NE 10 | 28                 |
| NE 12               | NE 11 | NE 10  | NE 12  | NE 11 | NE 10 | NE 9   | NE 10  | NE 8   | NE 9   | NEE 6 | E 7   | 29                 |
| NE 12               | NE 12 | NE 12  | NE 9   | NE 10 | NE 9  | NE 8   | NNE 8  | NNE 6  | NNE 7  | NNE 6 | NNE 6 | 30                 |
| N 6                 | N 7   | N 6    | NNE 7  | N 7   | NNE 6 | NE 3   | NNE 2  | NE 2   | NE 1   | NE 0  | NE 0  | 31                 |
| NNW                 | NNW   | N      | N      | N     | NE    | NEE    | NEE    | NEE    | NEE    | NEE   | E     | istikamet<br>Galip |

## S A A T — H E U R E

| Gün<br>Jour    | 7—8 | 8—9 | 9—10 | 10—11 | 11—12 | 12—13 | 13—14 | 14—15 | 15—16 | 16—17 | Yekûn<br>Total |
|----------------|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|----------------|
| 1              | —   | 0.4 | 1.0  | 1.0   | 1.0   | 0.8   | 0.5   | —     | —     | —     | 4.7            |
| 2              | —   | 0.1 | 0.4  | 0.8   | 0.4   | 0.3   | 0.7   | 0.6   | 0.6   | 0.1   | 4.0            |
| 3              | —   | —   | 0.1  | —     | 0.8   | 1.0   | 1.0   | 0.6   | —     | 0.1   | 3.6            |
| 4              | 0.5 | 1.0 | 1.0  | 1.0   | 1.0   | 1.0   | 1.0   | 1.0   | 1.0   | 0.6   | 9.1            |
| 5              | 0.2 | 0.6 | 0.8  | 0.4   | 0.1   | —     | 0.3   | —     | 0.2   | —     | 2.6            |
| 6              | —   | —   | —    | 0.3   | 0.1   | —     | —     | —     | —     | —     | 0.4            |
| 7              | —   | —   | —    | —     | 0.7   | 1.0   | 1.0   | 1.0   | 1.0   | 0.2   | 4.9            |
| 8              | 0.2 | 0.9 | 0.4  | 0.7   | 0.8   | —     | —     | 0.5   | 0.6   | —     | 4.1            |
| 9              | —   | —   | —    | —     | —     | —     | —     | 0.3   | 0.9   | 0.4   | 1.6            |
| 10             | —   | —   | —    | —     | —     | —     | —     | —     | —     | —     | 0.0            |
| 1inci<br>onluk | 0.9 | 3.0 | 3.7  | 4.2   | 4.9   | 4.1   | 4.5   | 4.0   | 4.3   | 1.4   | 35.0           |
| 11             | —   | —   | —    | —     | —     | —     | —     | —     | —     | —     | 0.0            |
| 12             | —   | 0.3 | —    | —     | 0.2   | 0.4   | 0.7   | 0.8   | 0.8   | —     | 3.2            |
| 13             | —   | —   | —    | —     | 0.4   | —     | —     | —     | —     | —     | 0.7            |
| 14             | 0.4 | 1.0 | 1.0  | 1.0   | 1.0   | 0.3   | 1.0   | 1.0   | 1.0   | 0.5   | 8.8            |
| 15             | —   | —   | —    | —     | —     | 0.9   | —     | —     | —     | —     | 0.0            |
| 16             | —   | —   | —    | —     | —     | —     | —     | —     | —     | —     | 0.0            |
| 17             | —   | —   | 0.2  | 0.1   | 0.5   | 0.2   | 1.0   | 0.9   | —     | —     | 2.9            |
| 18             | —   | 0.1 | 0.9  | 0.9   | 0.6   | 0.5   | —     | —     | 0.4   | —     | 3.4            |
| 19             | —   | —   | —    | —     | —     | —     | —     | 0.2   | 0.5   | 0.4   | 1.1            |
| 20             | —   | 1.0 | 0.9  | 1.0   | 1.0   | 1.0   | 1.0   | 1.0   | 1.0   | 0.5   | 8.4            |
| 2inci<br>onluk | 0.4 | 2.4 | 3.0  | 3.0   | 3.7   | 3.3   | 3.7   | 3.9   | 3.7   | 1.4   | 28.5           |
| 21             | —   | —   | 0.1  | 0.4   | 0.8   | 0.7   | —     | 0.3   | 0.5   | —     | 2.8            |
| 22             | —   | 0.5 | 1.0  | 1.0   | 1.0   | 0.6   | 0.8   | 0.8   | 0.1   | 0.2   | 6.0            |
| 23             | —   | —   | 0.5  | 0.8   | 0.5   | 0.1   | —     | —     | —     | —     | 1.9            |
| 24             | —   | 0.2 | 1.0  | 1.0   | 1.0   | 1.0   | 1.0   | 1.0   | 1.0   | 0.1   | 7.3            |
| 25             | —   | 0.2 | —    | 0.2   | 0.7   | 1.0   | 0.7   | 1.0   | 1.0   | 0.4   | 5.2            |
| 26             | —   | 0.2 | 0.5  | 0.7   | 0.8   | 1.0   | 1.0   | 1.0   | 0.9   | 0.1   | 6.2            |
| 27             | 0.3 | 0.9 | 1.0  | 1.0   | 1.0   | 1.0   | 0.9   | 1.0   | —     | —     | 7.1            |
| 28             | —   | —   | —    | 0.2   | —     | —     | —     | —     | —     | —     | 0.2            |
| 29             | 0.2 | 0.3 | 0.6  | 0.2   | —     | 0.5   | 0.6   | 0.2   | 0.1   | —     | 2.7            |
| 30             | —   | —   | —    | —     | —     | —     | —     | —     | —     | —     | 0.0            |
| 31             | —   | —   | 0.3  | 0.1   | —     | 0.3   | —     | 0.4   | 0.3   | —     | 1.4            |
| 3üncü<br>onluk | 0.5 | 2.3 | 5.0  | 5.6   | 5.8   | 6.2   | 5.0   | 5.7   | 3.9   | 0.8   | 40.8           |
| Yekûn          | 1.8 | 7.7 | 11.7 | 12.8  | 14.4  | 13.6  | 13.2  | 13.6  | 11.9  | 3.6   | 104.3          |

| Gün<br>Jour  | SAAT — HEURE |     |      |       |       |       |       |       |       |       |       | Yekün<br>Total |
|--------------|--------------|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|----------------|
|              | 7-8          | 8-9 | 9-10 | 10-11 | 11-12 | 12-13 | 13-14 | 14-15 | 15-16 | 16-17 | 17-18 |                |
| 1            | —            | —   | —    | —     | —     | —     | —     | 0.3   | 1.0   | 0.9   | —     | 2.2            |
| 2            | —            | —   | —    | —     | 0.4   | 1.0   | 0.9   | 0.7   | 0.9   | —     | —     | 3.9            |
| 3            | —            | 0.1 | 0.4  | 0.3   | —     | —     | —     | —     | 0.6   | —     | —     | 1.4            |
| 4            | —            | —   | —    | 0.6   | 0.3   | 0.2   | —     | —     | —     | —     | —     | 1.1            |
| 5            | —            | —   | —    | —     | 0.4   | 0.1   | 0.3   | 0.2   | —     | —     | —     | 1.0            |
| 6            | —            | —   | —    | —     | —     | —     | —     | —     | —     | —     | —     | 0.0            |
| 7            | —            | —   | —    | —     | —     | —     | —     | —     | —     | —     | —     | 0.0            |
| 8            | —            | —   | —    | —     | —     | —     | —     | —     | —     | —     | —     | 0.0            |
| 9            | —            | —   | —    | —     | —     | —     | —     | —     | —     | —     | —     | 0.0            |
| 10           | 0.1          | 0.8 | —    | 0.3   | 0.4   | 0.4   | 0.8   | 1.0   | 1.0   | 0.8   | —     | 5.6            |
| 1 inci onluk | 0.1          | 0.9 | 0.4  | 1.2   | 1.5   | 1.7   | 2.0   | 2.2   | 3.5   | 1.7   | —     | 15.2           |
| 11           | —            | 0.6 | 1.0  | 1.0   | 1.0   | 1.0   | 1.0   | 1.0   | 1.0   | 1.0   | —     | 8.6            |
| 12           | —            | —   | —    | —     | —     | —     | —     | —     | —     | —     | —     | 0.0            |
| 13           | —            | —   | —    | —     | —     | —     | —     | —     | —     | —     | —     | 0.0            |
| 14           | 0.9          | 0.7 | 0.8  | 0.7   | 1.0   | 1.0   | 1.0   | 1.0   | 1.0   | 0.9   | —     | 9.0            |
| 15           | 0.5          | 0.1 | 0.3  | 0.1   | 0.7   | 1.0   | 1.0   | 1.0   | 1.0   | 0.8   | —     | 6.5            |
| 16           | 0.3          | 1.0 | 1.0  | 1.0   | 1.0   | 1.0   | 0.5   | 0.6   | —     | —     | —     | 6.4            |
| 17           | —            | —   | —    | —     | —     | —     | —     | —     | —     | —     | —     | 0.0            |
| 18           | —            | —   | —    | —     | —     | —     | —     | —     | —     | —     | —     | 0.0            |
| 19           | —            | —   | —    | —     | —     | —     | 0.1   | —     | —     | —     | —     | 0.1            |
| 20           | —            | —   | —    | —     | —     | —     | —     | —     | —     | —     | —     | 0.0            |
| 2 inci onluk | 1.7          | 2.4 | 3.1  | 2.8   | 3.7   | 4.0   | 3.6   | 3.6   | 3.0   | 2.7   | —     | 30.6           |
| 21           | —            | —   | 0.4  | —     | —     | —     | —     | —     | —     | —     | —     | 0.4            |
| 22           | —            | —   | 0.8  | —     | 0.1   | 0.2   | 0.1   | 0.2   | 0.5   | —     | —     | 1.9            |
| 23           | —            | —   | 0.4  | 0.7   | 0.3   | 0.5   | 0.6   | 0.4   | —     | —     | —     | 2.9            |
| 24           | 0.7          | 1.0 | 1.0  | 0.8   | 0.8   | 0.9   | 0.3   | —     | —     | 0.2   | —     | 5.7            |
| 25           | —            | —   | —    | —     | —     | —     | —     | —     | —     | —     | —     | 0.0            |
| 26           | —            | —   | —    | —     | —     | —     | 0.1   | —     | —     | —     | —     | 0.1            |
| 27           | 0.9          | 1.0 | 1.0  | 1.0   | 1.0   | 1.0   | 1.0   | 1.0   | 0.9   | 0.7   | 0.2   | 9.7            |
| 28           | —            | —   | 0.1  | 0.2   | 0.7   | —     | —     | —     | —     | —     | —     | 1.0            |
| 29           | —            | —   | —    | —     | —     | —     | —     | —     | —     | —     | —     | 0.0            |
| 3 üncü onluk | 1.6          | 2.0 | 3.7  | 2.7   | 2.9   | 2.6   | 2.1   | 1.6   | 1.4   | 0.9   | 0.2   | 21.7           |
| Yekün        | 3.4          | 5.3 | 7.2  | 6.7   | 8.1   | 8.3   | 7.7   | 7.4   | 7.9   | 5.3   | 0.2   | 67.5           |

## SAAT — HEURE

| Gün<br>Jour     | 6-7 | 7-8  | 8-9  | 9-10 | 10-11 | 11-12 | 12-13 | 13-14 | 14-15 | 15-16 | 16-17 | 17-18 | Yekûn<br>Total |
|-----------------|-----|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|----------------|
| 1               | 0.1 | 1.0  | 1.0  | 1.0  | 1.0   | 1.0   | 1.0   | 1.0   | 0.8   | 1.0   | 1.0   | 0.5   | 10.4           |
| 2               | 0.2 | 1.0  | 1.0  | 1.0  | 1.0   | 1.0   | 1.0   | 1.0   | 1.0   | 1.0   | 0.6   | —     | 9.8            |
| 3               | —   | 1.0  | 1.0  | 1.0  | 1.0   | 1.0   | 1.0   | 1.0   | 1.0   | 1.0   | 1.0   | 0.5   | 10.5           |
| 4               | 0.3 | 1.0  | 1.0  | 1.0  | 1.0   | 1.0   | 1.0   | 1.0   | 1.0   | 1.0   | 1.0   | 0.5   | 10.8           |
| 5               | —   | —    | —    | 0.1  | 1.0   | 1.0   | 1.0   | 1.0   | 1.0   | 0.5   | —     | —     | 5.6            |
| 6               | —   | —    | —    | 0.3  | 0.9   | 1.0   | 0.7   | 0.8   | 1.0   | 1.0   | 1.0   | 0.3   | 7.0            |
| 7               | —   | —    | 0.6  | 1.0  | 1.0   | 1.0   | 1.0   | 1.0   | 1.0   | 1.0   | 0.8   | —     | 8.4            |
| 8               | —   | —    | —    | —    | —     | —     | —     | —     | —     | —     | —     | —     | 0.0            |
| 9               | —   | —    | 0.2  | 0.7  | 0.8   | 0.3   | 0.7   | 1.0   | 0.9   | 1.0   | 1.0   | 0.5   | 7.1            |
| 10              | —   | 0.1  | 0.6  | 0.3  | —     | 0.7   | 1.0   | 0.5   | 0.1   | 0.5   | 1.0   | —     | 4.8            |
| 1 inci<br>onluk | 0.6 | 4.1  | 5.4  | 6.4  | 7.7   | 8.0   | 8.4   | 8.3   | 7.8   | 8.0   | 7.4   | 2.3   | 74.4           |
| 11              | 0.2 | 1.0  | 1.0  | 1.0  | 0.8   | 0.8   | 1.0   | 1.0   | 1.0   | 1.0   | 1.0   | 0.6   | 10.4           |
| 12              | 0.7 | 0.5  | 1.0  | 1.0  | 1.0   | 1.0   | 1.0   | 1.0   | 1.0   | 1.0   | 1.0   | 0.4   | 10.2           |
| 13              | 0.3 | 1.0  | 1.0  | 1.0  | 1.0   | 1.0   | 1.0   | 1.0   | 1.0   | 1.0   | 1.0   | 0.8   | 11.5           |
| 14              | —   | —    | —    | —    | —     | —     | —     | —     | 0.1   | —     | —     | —     | 0.1            |
| 15              | —   | —    | —    | 0.1  | —     | —     | —     | —     | —     | 0.6   | 0.6   | 0.1   | 1.4            |
| 16              | 0.1 | 0.1  | 1.0  | 1.0  | 1.0   | 1.0   | 1.0   | 1.0   | 1.0   | 1.0   | 1.0   | 0.3   | 9.5            |
| 17              | —   | —    | —    | 0.1  | 0.8   | 0.8   | 0.7   | 0.7   | 0.8   | 0.6   | —     | —     | 4.5            |
| 18              | —   | —    | —    | —    | —     | —     | —     | —     | —     | —     | —     | —     | 0.0            |
| 19              | —   | 0.1  | 0.2  | 0.7  | 0.6   | 0.4   | —     | —     | —     | —     | —     | —     | 2.0            |
| 20              | —   | —    | 0.1  | 0.8  | 0.9   | 1.0   | 0.9   | 1.0   | 1.0   | 1.0   | 1.0   | 0.4   | 8.1            |
| 2 inci<br>onluk | 1.3 | 2.7  | 4.3  | 5.7  | 6.1   | 6.0   | 5.6   | 5.7   | 5.9   | 6.2   | 5.6   | 2.6   | 57.7           |
| 21              | 0.1 | 1.0  | 1.0  | 0.2  | 0.2   | 1.0   | 1.0   | 1.0   | 1.0   | 1.0   | 1.0   | 0.5   | 9.0            |
| 22              | 0.2 | 1.0  | 1.0  | 1.0  | 1.0   | 1.0   | 1.0   | 1.0   | 1.0   | 1.0   | 1.0   | 0.8   | 11.0           |
| 23              | —   | 0.9  | 1.0  | 0.2  | 0.5   | 0.5   | 0.1   | 0.4   | 1.0   | 1.0   | 1.0   | 0.6   | 7.2            |
| 24              | —   | 0.2  | 0.2  | 0.7  | 1.0   | 1.0   | 1.0   | 1.0   | 1.0   | 1.0   | 1.0   | 0.7   | 8.8            |
| 25              | 0.3 | 0.8  | 1.0  | 1.0  | 1.0   | 1.0   | 1.0   | 1.0   | 1.0   | 1.0   | 1.0   | 0.8   | 10.9           |
| 26              | —   | —    | —    | 0.6  | —     | 0.1   | —     | 0.1   | 0.6   | 0.9   | 0.9   | 0.7   | 3.9            |
| 27              | —   | —    | 0.1  | 0.6  | 0.5   | —     | 0.8   | 0.7   | 0.6   | —     | —     | —     | 3.3            |
| 28              | —   | 1.0  | 1.0  | 1.0  | 1.0   | 1.0   | 1.0   | 1.0   | 1.0   | 0.5   | —     | —     | 8.5            |
| 29              | —   | —    | —    | —    | —     | —     | —     | —     | —     | —     | —     | —     | 0.0            |
| 30              | —   | —    | —    | —    | —     | —     | —     | —     | —     | —     | —     | —     | 0.0            |
| 31              | —   | —    | —    | —    | 0.2   | 0.1   | 0.1   | 0.3   | 0.2   | 0.5   | —     | —     | 1.4            |
| 3 inci<br>onluk | 0.6 | 4.9  | 5.3  | 5.3  | 5.4   | 5.7   | 6.0   | 6.5   | 7.4   | 6.9   | 5.9   | 4.1   | 64.0           |
| Yekûn           | 2.5 | 11.7 | 15.0 | 17.4 | 19.2  | 19.7  | 20.0  | 20.5  | 21.1  | 21.1  | 18.9  | 9.0   | 196.1          |

## Toprağın hararet derecesi

Température de la terre

İkinci kânun 1936 — Janvier 1936

## DERİNLİK — PROFONDEUR

| Gün<br>Jour        | — 5 cm. |      |      |                | — 10 cm. |      |      |                | — 20 cm. |      |      |                | — 50 cm. |      |      |                | -1m. | -2m. |
|--------------------|---------|------|------|----------------|----------|------|------|----------------|----------|------|------|----------------|----------|------|------|----------------|------|------|
|                    | 7       | 14   | 21   | Vasatı<br>Moy. | 7        | 14   | 21   | Vasatı<br>Moy. | 7        | 14   | 21   | Vasatı<br>Moy. | 7        | 14   | 21   | Vasatı<br>Moy. | 14   | 14   |
| 1                  | 3.5     | 10.0 | 5.9  | 6.5            | 5.0      | 8.6  | 7.1  | 6.9            | 6.8      | 7.3  | 8.0  | 7.4            | 9.8      | 9.6  | 9.5  | 9.6            | 11.1 | 13.4 |
| 2                  | 3.6     | 9.4  | 5.6  | 6.2            | 5.0      | 7.9  | 6.9  | 6.6            | 6.6      | 7.0  | 7.8  | 7.1            | 9.5      | 9.3  | 9.2  | 9.3            | 11.0 | 13.4 |
| 3                  | 3.0     | 9.5  | 5.6  | 6.0            | 4.5      | 8.0  | 6.8  | 6.4            | 6.3      | 6.8  | 7.7  | 6.9            | 9.3      | 9.2  | 9.0  | 9.2            | 10.9 | 13.4 |
| 4                  | 3.1     | 10.8 | 6.6  | 6.8            | 4.4      | 8.6  | 7.6  | 6.9            | 6.0      | 6.9  | 8.2  | 7.0            | 9.0      | 9.0  | 9.0  | 9.0            | 10.9 | 13.4 |
| 5                  | 6.0     | 10.7 | 7.6  | 8.1            | 6.6      | 9.4  | 8.2  | 8.1            | 7.4      | 8.0  | 8.6  | 8.0            | 9.0      | 9.0  | 9.0  | 9.0            | 10.7 | 13.4 |
| 6                  | 7.3     | 9.2  | 7.5  | 8.0            | 7.5      | 8.9  | 8.0  | 8.1            | 7.8      | 8.4  | 8.7  | 8.3            | 9.1      | 9.5  | 9.4  | 9.3            | 10.7 | 13.3 |
| 7                  | 6.1     | 11.7 | 7.2  | 8.3            | 7.0      | 10.0 | 8.2  | 8.4            | 8.0      | 8.5  | 8.9  | 8.5            | 9.4      | 9.4  | 9.4  | 9.4            | 10.7 | 13.3 |
| 8                  | 7.0     | 11.2 | 9.9  | 9.4            | 7.6      | 10.1 | 9.4  | 9.0            | 8.2      | 8.8  | 9.5  | 8.8            | 9.5      | 9.6  | 9.6  | 9.6            | 10.7 | 13.2 |
| 9                  | 8.2     | 11.2 | 9.0  | 9.5            | 8.6      | 10.3 | 9.5  | 9.5            | 9.0      | 9.4  | 9.7  | 9.4            | 9.7      | 9.8  | 9.8  | 9.8            | 10.8 | 13.2 |
| 10<br>inci<br>nluk | 7.2     | 9.7  | 8.2  | 8.4            | 8.3      | 9.3  | 8.8  | 8.8            | 8.8      | 9.0  | 9.4  | 9.1            | 10.0     | 10.0 | 10.0 | 10.0           | 10.8 | 13.2 |
|                    | 5.5     | 10.3 | 7.3  | 7.7            | 6.5      | 9.1  | 8.1  | 7.9            | 7.5      | 8.0  | 8.7  | 8.1            | 9.4      | 9.4  | 9.4  | 9.4            | 10.8 | 13.3 |
| 11                 | 7.5     | 9.9  | 9.1  | 8.8            | 8.0      | 9.3  | 9.4  | 8.9            | 8.7      | 8.8  | 9.4  | 9.0            | 10.0     | 10.0 | 9.9  | 10.0           | 10.8 | 13.0 |
| 12                 | 7.6     | 11.5 | 9.0  | 9.4            | 8.6      | 10.1 | 9.6  | 9.4            | 9.3      | 9.4  | 9.9  | 9.5            | 10.0     | 10.0 | 10.0 | 10.0           | 10.8 | 13.0 |
| 13                 | 7.5     | 9.5  | 6.1  | 7.7            | 8.5      | 9.4  | 7.7  | 8.5            | 9.4      | 9.2  | 8.9  | 9.2            | 10.2     | 10.2 | 10.1 | 10.2           | 10.9 | 13.0 |
| 14                 | 2.6     | 9.0  | 5.5  | 5.7            | 4.4      | 7.5  | 6.6  | 6.2            | 6.6      | 6.8  | 7.7  | 7.0            | 10.0     | 9.7  | 9.6  | 9.8            | 10.9 | 12.9 |
| 15                 | 5.6     | 6.6  | 5.4  | 5.9            | 5.9      | 6.7  | 6.4  | 6.3            | 6.9      | 7.1  | 7.3  | 7.1            | 9.4      | 9.3  | 9.2  | 9.3            | 10.7 | 12.9 |
| 16                 | 5.5     | 8.5  | 6.7  | 6.9            | 5.9      | 7.6  | 7.4  | 7.0            | 6.7      | 7.3  | 7.8  | 7.3            | 9.1      | 9.0  | 9.0  | 9.0            | 10.6 | 12.9 |
| 17                 | 6.4     | 13.4 | 9.5  | 9.8            | 6.7      | 10.5 | 10.0 | 9.1            | 7.4      | 8.4  | 9.8  | 8.5            | 9.2      | 9.2  | 9.3  | 9.2            | 10.5 | 12.9 |
| 18                 | 7.3     | 11.6 | 9.5  | 9.5            | 7.8      | 10.5 | 9.9  | 9.4            | 8.6      | 9.3  | 10.0 | 9.3            | 9.5      | 9.6  | 9.6  | 9.6            | 10.6 | 12.9 |
| 19                 | 8.9     | 9.6  | 8.7  | 9.1            | 9.1      | 9.5  | 9.5  | 9.4            | 9.4      | 9.4  | 9.8  | 9.5            | 9.9      | 9.9  | 10.0 | 9.9            | 10.6 | 12.9 |
| 20<br>inci<br>nluk | 5.9     | 12.9 | 8.9  | 9.2            | 7.0      | 10.8 | 9.6  | 9.1            | 8.4      | 9.0  | 10.0 | 9.1            | 10.0     | 9.8  | 9.9  | 9.9            | 10.7 | 12.8 |
|                    | 6.5     | 10.3 | 7.9  | 8.2            | 7.2      | 9.2  | 8.6  | 8.3            | 8.1      | 8.5  | 9.1  | 8.6            | 9.7      | 9.7  | 9.7  | 9.7            | 10.7 | 12.9 |
| 21                 | 7.8     | 11.8 | 9.6  | 9.7            | 8.5      | 10.6 | 10.1 | 9.7            | 9.0      | 9.5  | 10.3 | 9.6            | 10.0     | 10.0 | 10.0 | 10.0           | 10.7 | 12.8 |
| 22                 | 8.4     | 13.5 | 9.9  | 10.6           | 9.0      | 11.7 | 10.5 | 10.4           | 9.5      | 10.1 | 10.7 | 10.1           | 10.2     | 10.2 | 10.2 | 10.2           | 10.7 | 12.7 |
| 23                 | 8.4     | 12.0 | 10.7 | 10.4           | 8.9      | 11.1 | 10.8 | 10.3           | 9.7      | 10.1 | 10.6 | 10.1           | 10.4     | 10.3 | 10.5 | 10.4           | 10.8 | 12.7 |
| 24                 | 7.8     | 11.0 | 5.7  | 8.5            | 9.0      | 10.2 | 7.7  | 9.0            | 9.8      | 9.6  | 9.4  | 9.6            | 10.5     | 10.5 | 10.4 | 10.5           | 10.8 | 12.7 |
| 25                 | 3.8     | 9.0  | 5.5  | 6.1            | 5.3      | 7.8  | 6.8  | 6.6            | 7.0      | 7.2  | 7.8  | 7.3            | 10.3     | 10.0 | 9.7  | 10.0           | 10.8 | 12.7 |
| 26                 | 6.4     | 12.1 | 8.7  | 9.1            | 6.6      | 9.9  | 9.3  | 8.6            | 7.2      | 8.3  | 9.5  | 8.3            | 9.6      | 9.5  | 9.5  | 9.5            | 10.8 | 12.7 |
| 27                 | 8.1     | 13.8 | 10.0 | 10.6           | 8.4      | 11.7 | 10.7 | 10.3           | 8.7      | 9.7  | 10.7 | 9.7            | 9.7      | 9.7  | 9.8  | 9.7            | 10.8 | 12.7 |
| 28                 | 7.6     | 12.2 | 9.8  | 9.9            | 8.5      | 10.7 | 10.3 | 9.8            | 9.4      | 9.7  | 10.4 | 9.8            | 10.2     | 10.2 | 10.2 | 10.2           | 10.8 | 12.7 |
| 29                 | 7.7     | 13.7 | 10.4 | 10.6           | 8.5      | 11.5 | 10.7 | 10.2           | 9.4      | 10.0 | 10.7 | 10.0           | 10.3     | 10.2 | 10.3 | 10.3           | 10.8 | 12.7 |
| 30                 | 9.0     | 11.4 | 8.3  | 9.6            | 9.6      | 10.8 | 9.7  | 10.0           | 10.1     | 10.3 | 10.4 | 10.3           | 10.4     | 10.6 | 10.5 | 10.5           | 10.9 | 12.7 |
| 31<br>üncü<br>nluk | 6.4     | 10.2 | 7.9  | 8.2            | 7.4      | 9.2  | 8.6  | 8.4            | 8.7      | 8.7  | 9.2  | 8.9            | 10.5     | 10.4 | 10.3 | 10.4           | 11.1 | 12.7 |
|                    | 7.4     | 11.9 | 8.8  | 9.4            | 8.2      | 10.5 | 9.6  | 9.4            | 9.0      | 9.4  | 10.0 | 9.4            | 10.2     | 10.2 | 10.1 | 10.2           | 10.8 | 12.7 |
| Vasatı             | 6.5     | 10.9 | 8.0  | 8.5            | 7.3      | 9.6  | 8.8  | 8.6            | 8.2      | 8.6  | 9.3  | 8.7            | 9.8      | 9.8  | 9.7  | 9.8            | 10.7 | 13.0 |



**Toprağın hararet derecesi**  
*Température de la terre*

Mart 1936 — Mars 1936

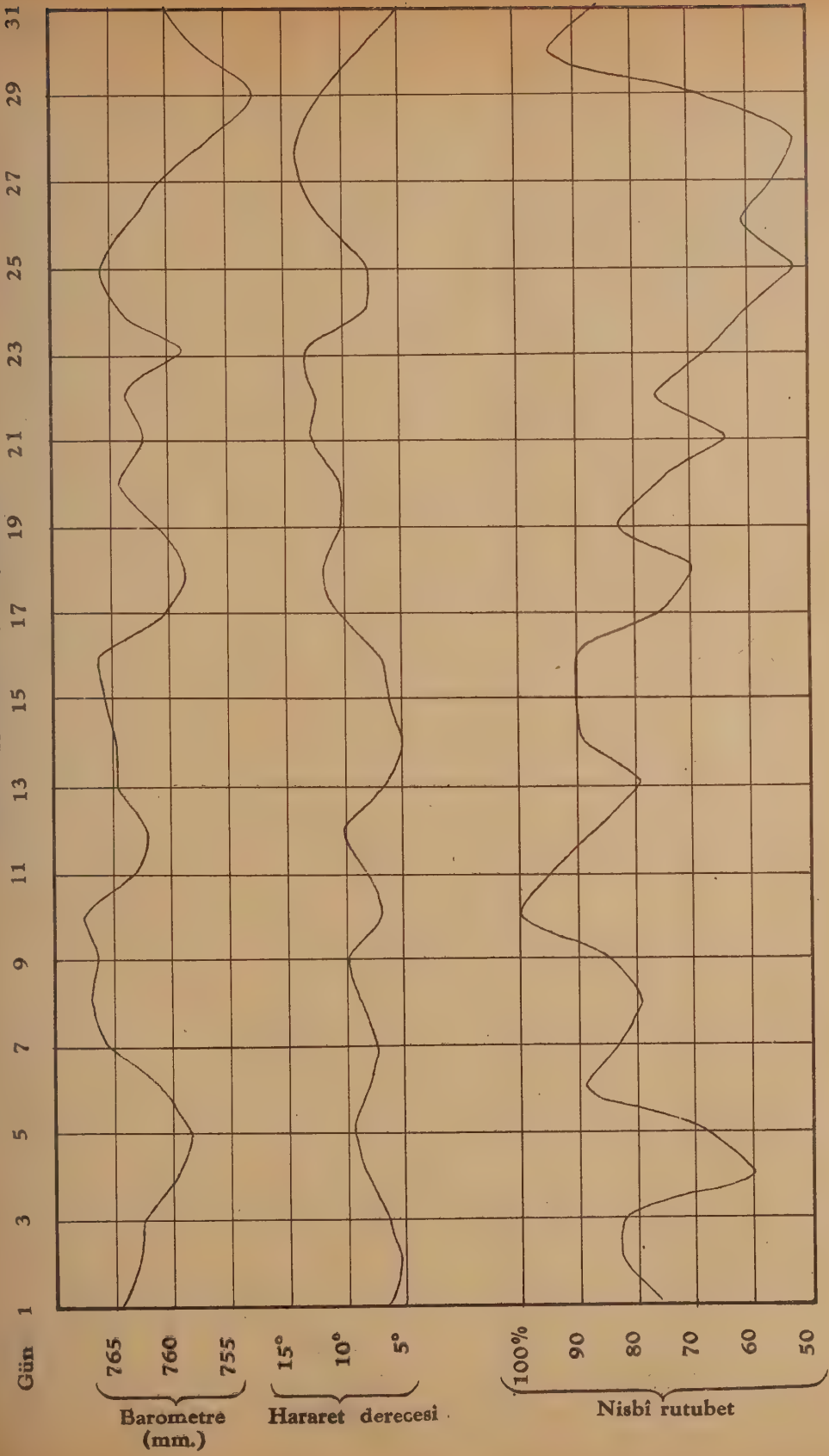
| Gün — Jour  | DERİNLİK — PROFONDEUR |      |      |                |          |      |      |                |          |      |      |                |          |      |      |                |
|-------------|-----------------------|------|------|----------------|----------|------|------|----------------|----------|------|------|----------------|----------|------|------|----------------|
|             | — 5 cm.               |      |      |                | — 10 cm. |      |      |                | — 20 cm. |      |      |                | — 50 cm. |      |      |                |
|             | 7                     | 14   | 21   | Vasatı<br>Moy. | 7        | 14   | 21   | Vasatı<br>Moy. | 7        | 14   | 21   | Vasatı<br>Moy. | 7        | 14   | 21   | Vasatı<br>Moy. |
|             |                       |      |      |                |          |      |      |                |          |      |      |                |          |      |      |                |
| 1           | 8.2                   | 19.4 | 12.7 | 10.1           | 9.0      | 15.0 | 13.5 | 12.5           | 9.7      | 11.2 | 13.1 | 11.3           | 9.7      | 9.8  | 10.0 | 9.8            |
| 2           | 8.9                   | 18.8 | 12.3 | 13.4           | 9.9      | 15.4 | 13.4 | 12.9           | 11.0     | 12.0 | 13.2 | 12.1           | 10.4     | 10.5 | 10.6 | 10.5           |
| 3           | 8.4                   | 19.0 | 11.1 | 12.8           | 9.8      | 15.1 | 12.7 | 12.5           | 11.0     | 11.9 | 13.1 | 12.0           | 10.9     | 10.9 | 10.9 | 10.9           |
| 4           | 7.4                   | 17.0 | 10.0 | 11.5           | 8.7      | 14.5 | 11.6 | 11.6           | 10.4     | 11.5 | 12.6 | 11.5           | 11.2     | 11.0 | 11.0 | 11.1           |
| 5           | 8.5                   | 16.2 | 9.3  | 11.3           | 9.4      | 13.6 | 11.0 | 11.4           | 10.0     | 11.2 | 11.8 | 11.0           | 11.0     | 11.0 | 10.8 | 10.9           |
| 6           | 8.2                   | 15.2 | 10.6 | 11.3           | 9.0      | 12.6 | 11.5 | 11.0           | 10.0     | 10.7 | 11.7 | 10.8           | 11.0     | 10.9 | 10.7 | 10.9           |
| 7           | 8.7                   | 18.5 | 12.6 | 13.3           | 9.6      | 15.2 | 13.5 | 12.8           | 10.4     | 11.8 | 13.2 | 11.8           | 11.0     | 11.0 | 11.0 | 11.0           |
| 8           | 8.4                   | 11.8 | 9.0  | 9.7            | 10.5     | 10.2 | 10.3 | 10.3           | 11.5     | 11.0 | 11.0 | 11.2           | 11.2     | 11.3 | 11.2 | 11.2           |
| 9           | 7.2                   | 15.0 | 7.5  | 9.9            | 8.4      | 12.0 | 9.6  | 10.0           | 9.8      | 10.3 | 11.0 | 10.4           | 11.0     | 11.0 | 10.9 | 10.9           |
| 10          | 3.8                   | 15.0 | 8.5  | 9.1            | 5.6      | 11.5 | 9.8  | 9.0            | 8.2      | 9.0  | 10.4 | 9.2            | 10.8     | 10.6 | 10.4 | 10.6           |
| inci<br>luk | 7.8                   | 16.6 | 10.4 | 11.6           | 9.0      | 13.5 | 11.7 | 11.4           | 10.2     | 11.1 | 12.1 | 11.1           | 10.8     | 10.8 | 10.8 | 10.8           |
| 11          | 4.0                   | 16.0 | 8.7  | 9.6            | 5.8      | 11.8 | 10.4 | 9.3            | 8.0      | 9.2  | 10.9 | 9.4            | 10.5     | 10.4 | 10.2 | 10.4           |
| 12          | 13.5                  | 17.5 | 10.4 | 13.8           | 6.2      | 13.4 | 11.7 | 10.4           | 8.3      | 9.8  | 11.8 | 10.0           | 10.4     | 10.3 | 10.3 | 10.3           |
| 13          | 7.5                   | 17.2 | 12.6 | 12.4           | 8.5      | 13.8 | 13.4 | 11.9           | 9.6      | 11.0 | 12.8 | 11.1           | 10.5     | 10.6 | 10.7 | 10.6           |
| 14          | 10.5                  | 14.7 | 11.0 | 12.1           | 10.8     | 13.0 | 11.8 | 11.9           | 11.2     | 11.6 | 12.0 | 11.6           | 11.0     | 11.0 | 11.0 | 11.0           |
| 15          | 8.5                   | 12.4 | 9.5  | 10.1           | 9.5      | 11.6 | 10.5 | 10.5           | 10.6     | 10.8 | 11.2 | 10.9           | 11.0     | 11.0 | 11.0 | 11.0           |
| 16          | 7.6                   | 14.5 | 8.8  | 10.3           | 8.7      | 12.3 | 10.6 | 10.5           | 9.8      | 10.7 | 11.5 | 10.7           | 10.8     | 11.0 | 10.8 | 10.9           |
| 17          | 7.0                   | 16.0 | 10.3 | 11.1           | 7.9      | 13.3 | 11.5 | 10.9           | 9.3      | 10.7 | 11.8 | 10.6           | 11.0     | 10.9 | 10.8 | 10.9           |
| 18          | 8.4                   | 11.2 | 9.0  | 9.5            | 9.3      | 10.5 | 9.7  | 9.8            | 10.3     | 10.2 | 10.4 | 10.3           | 11.0     | 10.9 | 10.8 | 10.9           |
| 19          | 6.0                   | 11.5 | 8.0  | 8.5            | 7.5      | 11.1 | 10.0 | 9.5            | 9.0      | 10.0 | 10.4 | 9.8            | 10.4     | 10.7 | 10.5 | 10.5           |
| 20          | 7.5                   | 14.2 | 8.6  | 10.1           | 8.4      | 12.1 | 10.4 | 10.3           | 9.4      | 10.3 | 11.2 | 10.3           | 10.6     | 10.7 | 10.5 | 10.6           |
| inci<br>luk | 8.1                   | 14.5 | 9.7  | 10.8           | 8.3      | 12.3 | 11.0 | 10.5           | 9.6      | 10.4 | 11.4 | 10.5           | 10.8     | 10.8 | 10.7 | 10.7           |
| 21          | 5.4                   | 14.8 | 8.9  | 9.7            | 6.9      | 12.2 | 10.3 | 9.8            | 8.7      | 9.8  | 11.0 | 9.8            | 10.6     | 10.5 | 10.4 | 10.5           |
| 22          | 5.3                   | 16.5 | 8.5  | 10.1           | 6.7      | 13.0 | 10.5 | 10.1           | 8.7      | 10.0 | 11.3 | 10.0           | 10.5     | 10.5 | 10.4 | 10.5           |
| 23          | 6.0                   | 18.5 | 11.5 | 12.0           | 7.1      | 14.3 | 12.8 | 11.4           | 8.7      | 10.7 | 12.8 | 10.7           | 10.5     | 10.7 | 10.6 | 10.6           |
| 24          | 8.6                   | 18.9 | 12.1 | 13.2           | 0.5      | 15.2 | 13.6 | 12.8           | 10.6     | 11.8 | 13.6 | 12.0           | 11.0     | 11.2 | 11.1 | 11.1           |
| 25          | 8.8                   | 21.6 | 14.2 | 14.9           | 9.9      | 17.6 | 15.4 | 14.3           | 11.2     | 13.0 | 15.0 | 13.1           | 11.5     | 11.5 | 11.7 | 11.6           |
| 26          | 9.5                   | 23.2 | 14.6 | 15.8           | 10.7     | 18.8 | 15.8 | 15.1           | 12.3     | 14.2 | 15.7 | 14.1           | 12.0     | 12.1 | 12.2 | 12.1           |
| 27          | 11.2                  | 20.9 | 14.5 | 15.5           | 12.2     | 17.7 | 15.5 | 15.1           | 13.2     | 14.2 | 15.4 | 14.3           | 12.2     | 12.6 | 12.6 | 12.5           |
| 28          | 10.8                  | 21.5 | 17.5 | 16.6           | 12.2     | 18.4 | 15.0 | 15.2           | 13.4     | 14.9 | 15.5 | 14.6           | 12.8     | 12.7 | 12.8 | 12.8           |
| 29          | 9.6                   | 10.9 | 9.3  | 9.9            | 11.2     | 11.0 | 9.8  | 10.7           | 12.8     | 11.8 | 10.4 | 11.7           | 13.0     | 12.9 | 12.6 | 12.8           |
| 30          | 7.2                   | 8.5  | 7.2  | 7.6            | 8.4      | 9.0  | 8.4  | 8.6            | 10.0     | 9.8  | 9.6  | 9.8            | 12.2     | 12.0 | 11.8 | 12.0           |
| 31          | 6.4                   | 13.2 | 8.7  | 9.4            | 7.4      | 11.4 | 10.0 | 9.6            | 8.8      | 9.8  | 10.6 | 9.7            | 11.4     | 11.2 | 11.2 | 11.3           |
| inci<br>luk | 8.1                   | 17.1 | 11.6 | 12.3           | 9.3      | 14.4 | 12.5 | 12.1           | 10.8     | 11.8 | 12.8 | 11.8           | 11.6     | 11.6 | 11.6 | 11.6           |
| lık<br>sati | 8.0                   | 16.1 | 10.6 | 11.5           | 8.9      | 13.4 | 11.7 | 11.3           | 10.2     | 11.1 | 12.1 | 11.2           | 11.1     | 11.1 | 11.0 | 11.1           |

## Ay günlerinin hadiselere göre tevzi

Distribution des jours du mois selon les phénomènes

| Ay<br>Mois           | Açık<br>Ouvert | Bulutlu<br>Nuageux | Kapalı<br>Couvert | Yağmurlu<br>Pluvieux | Karlı<br>Neigeux | Dolulu<br>Grêléux | Tipili<br>Tempête de neige | Fırtınalı<br>Tempête | Az donlu<br>Gelé | Çok donlu<br>Sans dégel | Kırağılı<br>Gelé inclache | Çiyli<br>Rosée | Şimşekli<br>Éclair | Ra'dlı<br>Tonnare | Sisli<br>Brouillard | Puslu<br>Brou. sec |
|----------------------|----------------|--------------------|-------------------|----------------------|------------------|-------------------|----------------------------|----------------------|------------------|-------------------------|---------------------------|----------------|--------------------|-------------------|---------------------|--------------------|
| II. Kânun<br>Janvier | 7              | 13                 | 11                | 11                   | —                | —                 | —                          | 5                    | —                | —                       | —                         | 3              | —                  | —                 | 8                   | —                  |
| Şubat<br>Février     | 4              | 4                  | 21                | 19                   | 1                | —                 | 1                          | 10                   | 2                | —                       | —                         | —              | —                  | —                 | 3                   | —                  |
| Mart<br>Mars         | 11             | 9                  | 11                | 10                   | —                | —                 | —                          | 4                    | —                | —                       | —                         | 7              | —                  | —                 | 3                   | 2                  |

İKİNCİ KÂNUN 1936 (Janvier)

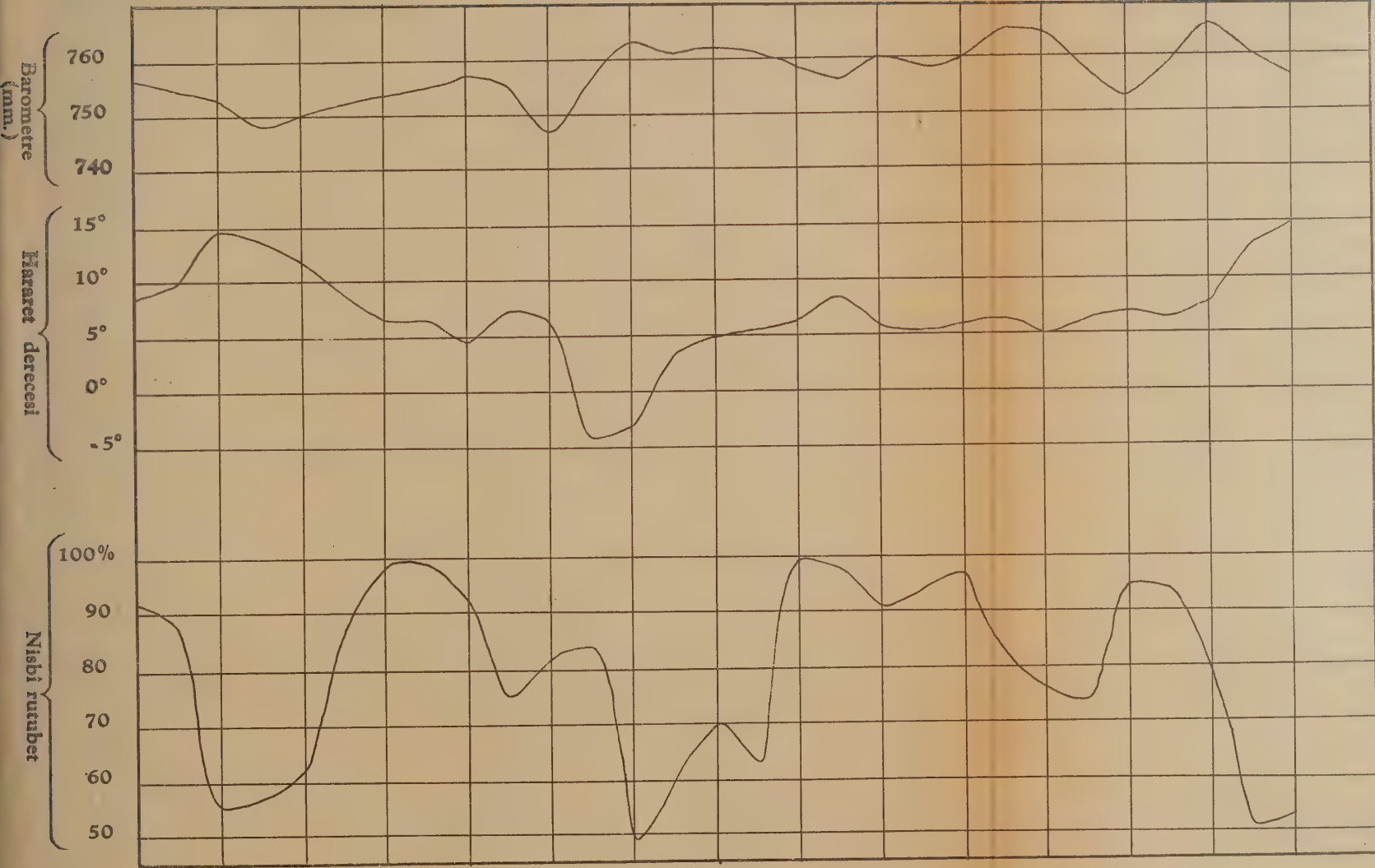


Tazyik, hararet derecesi ve nisbi rutubetin günlük grafikleri  
Graphiques de la pression, température et humidité relative diurne

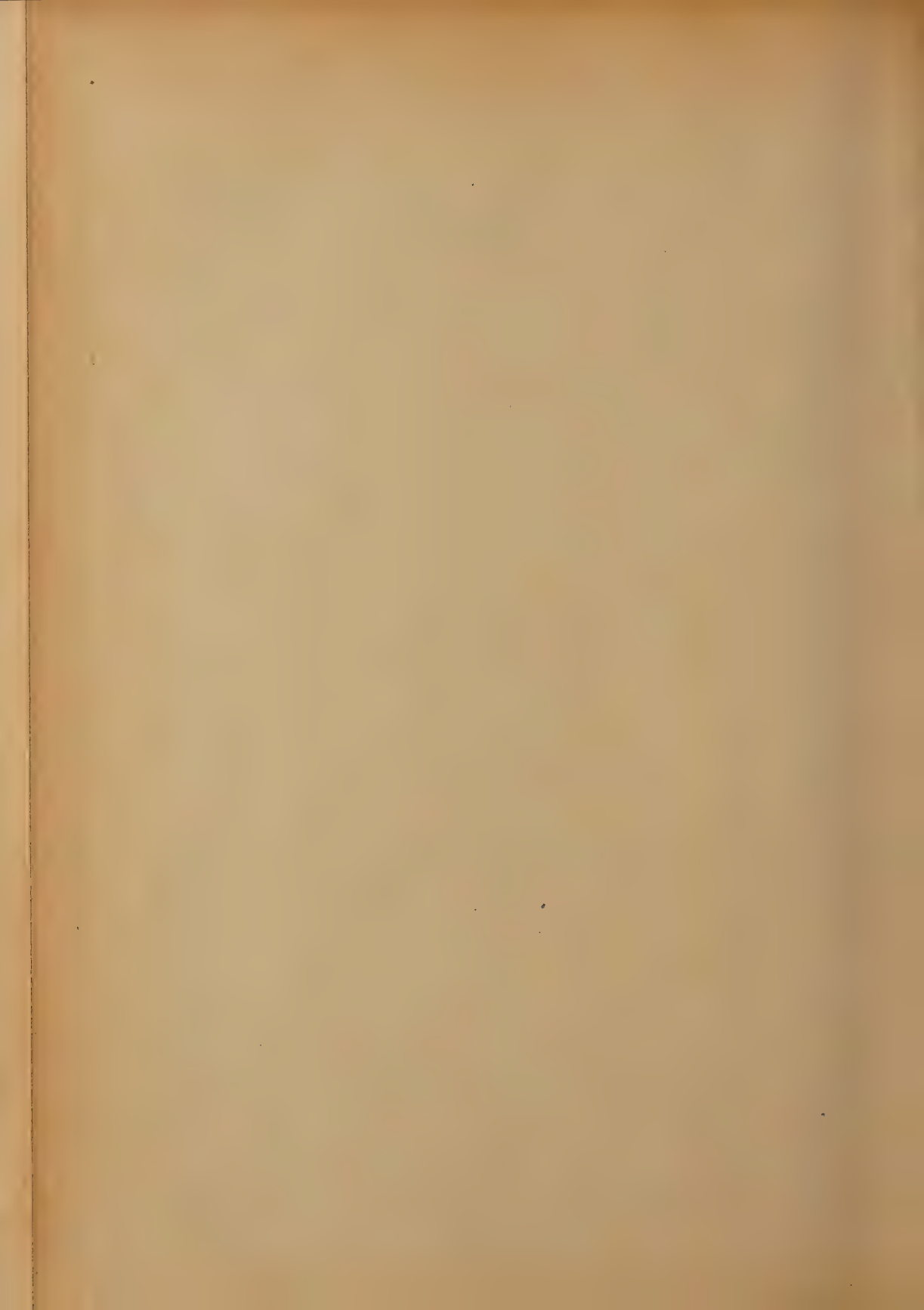


ŞUBAT 1936 (Fevrier)

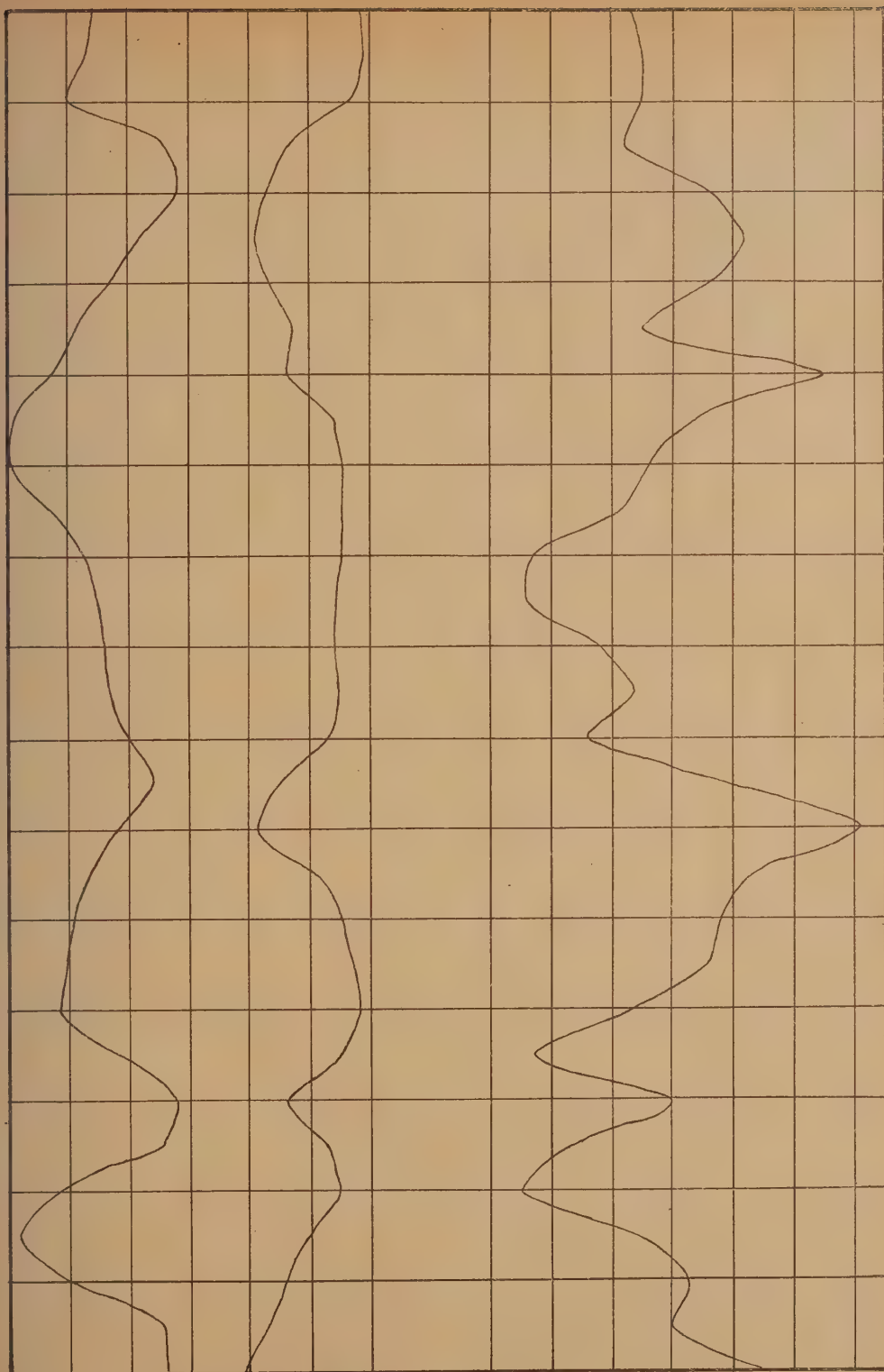
Gün 1 3 5 7 9 11 13 15 17 19 21 23 25 27 29



Tazyik, hararet derecesi ve nisbi rutubetin günlük grafikleri  
Graphiques de la pression, température et humidité relative diurne



Gün 1 3 5 7 9 11 13 15 17 19 21 23 25 27 29 31

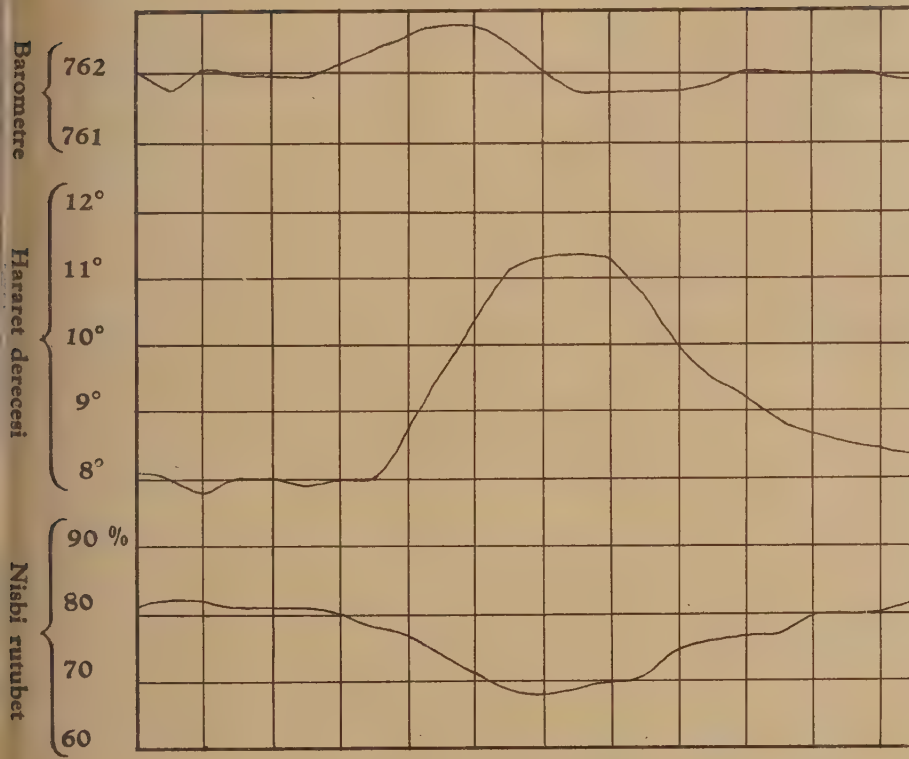


Tazyik, hararet derecesi ve nisbî rutubetin günlük grafikleri  
Graphiques de la pression, température et humidité relative diurne



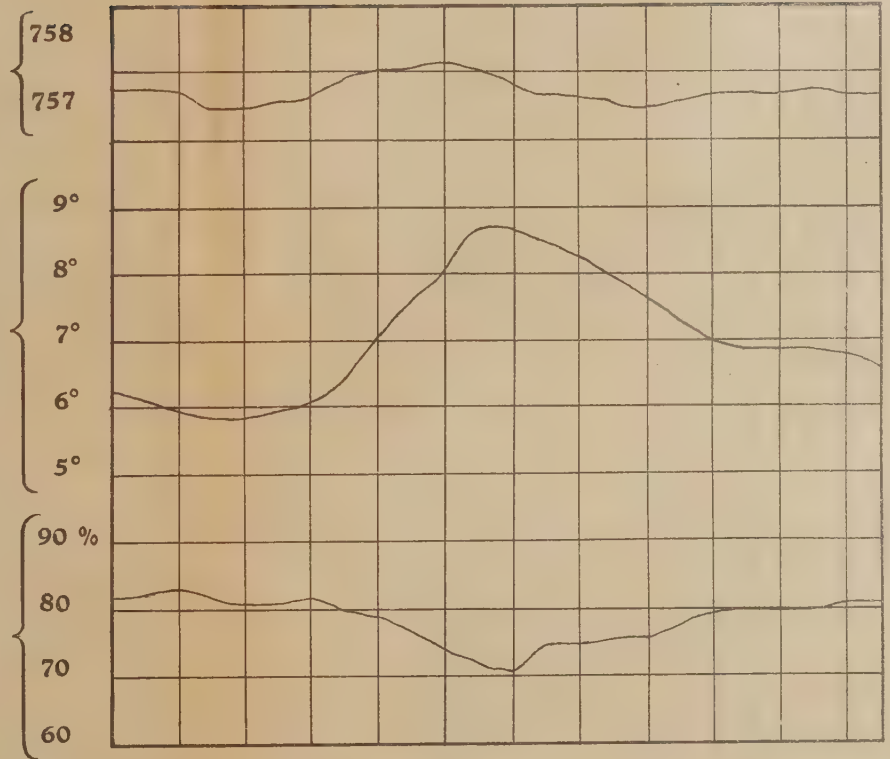
İKİNCİ KÂNUN 1936 Janvier

Saat 1 3 5 7 9 11 13 15 17 19 21 23 24



ŞUBAT 1936 (Fevrier)

1 3 5 7 9 11 13 15 17 19 21 23 24

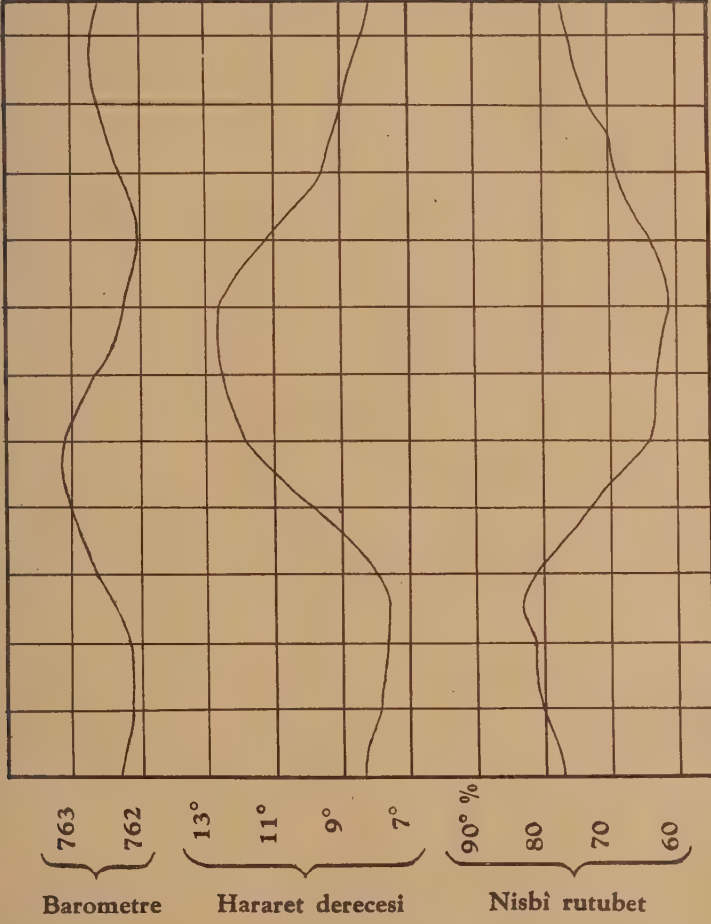


Tazyik, hararet derecesi ve nisbî rutubetin saatlik grafikleri.  
Graphiques de la pression, température et humidité relative horaire.



MART 1936 (Mars)

Saat 1 3 5 7 9 11 13 15 17 19 21 23 24



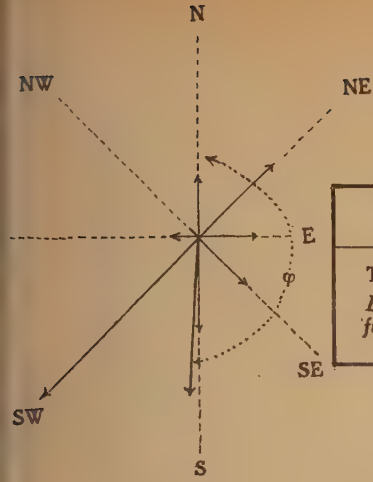
Tazyik, hararet derecesi ve nisbi rubebetin günlük grafikleri.

Graphiques de la pression, température et humidité relative horaire.



RÜZGÂR GRAFİKLERİ  
Graphiques du Vent

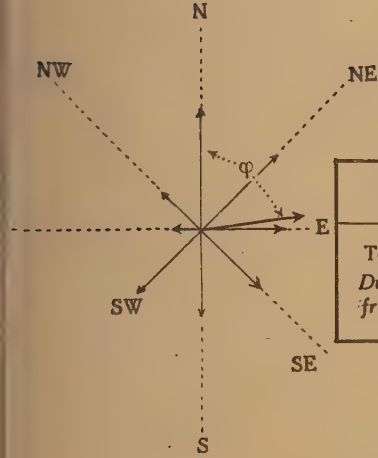
İKİNCİ KÂNUN 1936 (Janvier)



| İstikamet<br>Direction            |            | N  | NE  | E  | SE | S   | SW  | W  | NW | Sakin<br>Calme | Yekûn<br>Total |
|-----------------------------------|------------|----|-----|----|----|-----|-----|----|----|----------------|----------------|
| Tekessür<br>Durée de<br>frequence | Saat<br>h. | 66 | 121 | 63 | 77 | 105 | 243 | 31 | 9  | 29             | 744            |
|                                   | o/o        | 9  | 16  | 9  | 10 | 14  | 33  | 4  | 1  | 4              | 100            |

Galip istikamet:  $\varphi = 182^\circ$

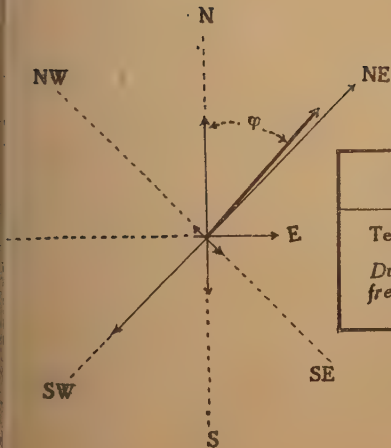
ŞUBAT 1936 Fevrier



| İstikamet<br>Direction            |            | N   | NE  | E  | SE | S  | SW | W  | NW | Sakin<br>Calme | Yekûn<br>Total |
|-----------------------------------|------------|-----|-----|----|----|----|----|----|----|----------------|----------------|
| Tekessür<br>Durée de<br>frequence | Saat<br>h. | 126 | 112 | 82 | 82 | 89 | 92 | 29 | 57 | 27             | 696            |
|                                   | %          | 18  | 16  | 12 | 12 | 13 | 13 | 4  | 8  | 4              | 100            |

Galip istikamet:  $\varphi = 79^\circ$

MART 1936 Mars



| İstikamet<br>Direction            |            | N   | NE  | E  | SE | S  | SW  | W  | NW | Sakin<br>Calme | Yekûn<br>Total |
|-----------------------------------|------------|-----|-----|----|----|----|-----|----|----|----------------|----------------|
| Tekessür<br>Durée de<br>frequence | Saat<br>h. | 132 | 240 | 78 | 14 | 61 | 147 | 15 | 12 | 45             | 744            |
|                                   | %          | 18  | 32  | 10 | 2  | 8  | 20  | 2  | 0  | 6              | 100            |

Galip istikamet:  $\varphi = 44^\circ$

No. 0



## II — Deniz rasatları (Observations de la mer)

Kemal Erkman

Bitişik sahifedeki birinci cetvel Arnavutköyündeki akıntı anafor mahallindeki maroğraf ile ölçülen deniz seviyesine ait tahavvülâtı gösterir. Bu cetvelin başlık satırı ayları ve başlık sütunu da ayın günlerini gösterir.

Udul deniz seviyesinin, rıhtım üzerinde tespit edilmiş olan bir pirinç işaretin merkezinden itibaren alçalmadan ibarettir. Bu alçalma miktarı santimetre ile gösterilmiştir. Cetveldeki miktarlar udulların günlük vasatisidir. Son satır dahi aylık vasatidir. Maroğraf aleminin irca nisbeti  $1/5$  dir. Tabiidir ki cetveldeki hakiki kıymetler bu nisbete göre letin diyagram iş'arından irca edilmiştir. Seviye vasatiyenin nazımî miktarı henüz aayyün etmemiştir. Maroğraf kâğıdının sıfırı, işaret merkezinden 168.2 santimetre yüksektir. numaralı diyagram bu seviye tahavvülâtına aittir. Seviyenin başlıca tahavvülü tazyik tahavvülüne tabi olduğundan mukayese için nokta ve çizgi ile tazyik tahavvülü tersim edildiği gibi meddicezir tesirini de takip edebilmek için içtima, istikbal ve terbilerin amanları da gösterilmiştir.

Aynı sahifedeki ikinci cetvele Kandilli iskelesi dubası üzerinden ölçülen suyun sathının 15 metre derinliğinin hararet derecesi dercedilmiştir. Bu cetvelin başlık satırları ayları göstermektedir. Sath (0) metre ile gösterilmiştir.

Deniz hararet derecesi her gün sabahleyin saat sekiz raddelerinde Negretti Zambra sistemi termometre ile ölçülmektedir.

## Deniz seviyesi ve hararet derecesi

## Niveau et température de la mer

| Günler - Jours<br>Aylar - Mois | (cm)<br>Udul<br>Ecart |                  |              | Hararet derecesi — Température |           |                  |           |              |           |
|--------------------------------|-----------------------|------------------|--------------|--------------------------------|-----------|------------------|-----------|--------------|-----------|
|                                |                       |                  |              | 2 inci kânun<br>Janvier        |           | Şubat<br>Février |           | Mart<br>Mars |           |
|                                |                       |                  |              | m.<br>0                        | m.<br>-15 | m.<br>0          | m.<br>-15 | m.<br>0      | m.<br>-15 |
|                                | 2 inci kâ.<br>Janvier | Subat<br>Février | Mart<br>Mars |                                |           |                  |           |              |           |
| 1                              |                       |                  | 16.4         | 8.4                            | 8.5       | 10.0             | 10.0      | 8.5          | 8.5       |
| 2                              |                       |                  | 10.0         | 8.5                            | 8.5       | 9.9              | 9.8       | 8.2          | 8.2       |
| 3                              |                       |                  | 19.6         | 8.5                            | 8.5       | 10.0             | 10.2      | 8.2          | 7.9       |
| 4                              |                       |                  | 25.8         | 8.8                            | 8.8       | 10.3             | 10.6      | 8.0          | 8.0       |
| 5                              |                       |                  | 25.9         | 9.0                            | 9.0       | 10.6             | 10.3      | 8.1          | 7.9       |
| 6                              |                       |                  | 15.4         | —                              | —         | 10.3             | 10.5      | —            | —         |
| 7                              |                       |                  | 8.5          | 8.8                            | 9.0       | 9.3              | 9.5       | —            | —         |
| 8                              |                       |                  | 11.0         | 8.9                            | 8.9       | 9.3              | 9.3       | 7.6          | 8.1       |
| 9                              |                       |                  | 20.2         | 8.8                            | 8.8       | —                | —         | 7.4          | 7.9       |
| 10                             |                       |                  | 23.3         | 8.6                            | 8.6       | 9.0              | 9.3       | 7.7          | 7.7       |
| 11                             |                       |                  | 26.0         | 8.5                            | 8.5       | 9.3              | 9.3       | —            | —         |
| 12                             |                       |                  | 25.4         | 8.5                            | 8.5       | —                | —         | 7.2          | 7.2       |
| 13                             |                       |                  | 18.7         | 8.4                            | 8.5       | 8.2              | 8.2       | 7.6          | 7.6       |
| 14                             |                       |                  | 12.4         | 8.4                            | 8.4       | 8.0              | 8.2       | 7.1          | 7.5       |
| 15                             |                       |                  | 16.6         | 8.6                            | 8.6       | 8.0              | 8.0       | —            | —         |
| 16                             |                       |                  | 24.0         | 8.8                            | 8.8       | —                | —         | 7.5          | 7.6       |
| 17                             |                       |                  | 26.7         | 9.0                            | 9.4       | —                | —         | 7.8          | 7.6       |
| 18                             |                       |                  | 21.5         | 9.5                            | 9.5       | —                | —         | 8.2          | 8.0       |
| 19                             |                       |                  | 21.2         | —                              | —         | 9.4              | 9.4       | 8.1          | 7.9       |
| 20                             |                       |                  | 29.4         | 9.3                            | 9.3       | 7.9              | 8.1       | 8.0          | 8.0       |
| 21                             |                       |                  | 31.5         | 9.3                            | 9.3       | 8.1              | 8.2       | 7.9          | 8.0       |
| 22                             |                       |                  | 34.9         | 9.3                            | 9.4       | 8.3              | 8.5       | 8.0          | 8.0       |
| 23                             |                       |                  | 26.6         | 9.5                            | 9.3       | 8.4              | 8.5       | 8.0          | 8.0       |
| 24                             |                       |                  | 27.9         | 9.4                            | 9.4       | 8.4              | 8.4       | 7.9          | 7.9       |
| 25                             |                       |                  | 27.9         | 9.6                            | 9.6       | 8.3              | 8.3       | 8.4          | 7.9       |
| 26                             |                       |                  | 28.1         | 9.5                            | 9.6       | 8.2              | 8.2       | 7.9          | 8.3       |
| 27                             |                       |                  | 19.9         | 9.7                            | 9.7       | 8.0              | 8.0       | 8.1          | 8.1       |
| 28                             |                       |                  | 18.7         | 9.6                            | 10.0      | 8.0              | 8.0       | 7.9          | 7.8       |
| 29                             |                       |                  | 33.0         | 10.0                           | 10.5      | 8.6              | 8.4       | 8.0          | 8.1       |
| 30                             |                       |                  | 33.4         | 9.8                            | 10.2      | —                | —         | 8.0          | 8.0       |
| 31                             |                       |                  | 27.7         | 9.9                            | 9.9       | —                | —         | 8.2          | 8.2       |
| Vasatı                         |                       |                  | 22.8         | 9.0                            | 9.1       | 8.9              | 8.9       | 7.9          | 7.9       |

## İZAHAT — REMARQUES

Maroğrafın sistemi : Jules Richard  
(Système du marographe)

Redüktör : 1/5  
(Reducteur)

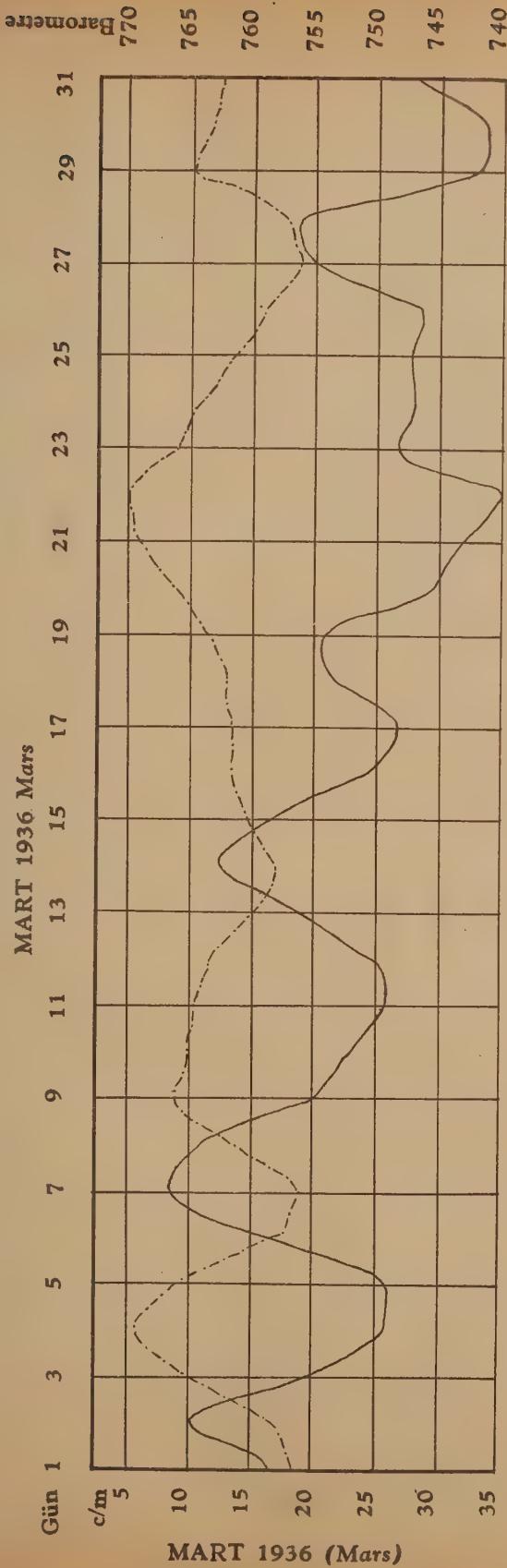
Mevkii : Arnavutköy  
(Station)

Reper : Rıhtımdaki pirinç dairenin merkezi  
(Repère) : Le centre du disque en laiton fixé au quai

Termometrenin cinsi : Negretti zanbrin  
(Type du thermomètre)

Rasat mahalli : Kandilli İskelesi  
(Lieu d'observation)

MART 1936 Mars



Not : — Deniz seviyesini --- Barometre diagrammı soldaki adetler röperden aşğı deniz seviyesini, sağdakiler barometreyi gösterir.

— Indique le N. de la mer la hauteur du baromètre. Les chiffres à gauche indiquent le N. de la mer au dessous du repère, les chiffres à droite la hauteur du baromètre.

No. 7



### III — Sismoloji (Séismologie)

Kemal Erkman

Bitişik sayfeler zelzeleleri ve bunların asli ve tali safhalarının zamanlarını gösterir. Titrenti (Microséisme) ler dahil değildir. Cetvelin birinci sütunu tarih ve ikinci sütunu beynelmilel kabul edilmiş olan safha işaretleridir. Bu işaretlerden  $P_n$  veya  $\overline{P}$  ihtizazın başlangıcını,  $F$  nihayetini ve  $iM$  de en şiddetli ihtizaz safhasını iş'ar eder. Üçüncü sütun da Türkiye saatile safhaların zamanlarıdır. Dördüncü sütunda N-S mürekkibesinden alınan en büyük sianın devir müddeti gösterildiği gibi beşinci ve altıncı sütunlarda en büyük sian miktarı milimetre olarak gösterilmiştir.  $A_N$  şimal-cenup mürekkibesine  $A_E$  şark-garp mürekkibesine aittir. Tahmin edilen fevkalmerkez mesafe  $\Delta$  ile son sütunda kilometre olarak gösterilmiştir. Ve mülâhazat hanesinde de hâdisenin vuku bulduğu istihbar edilen mahal-icap ederse coğrafi vaziyelerile beraber-kaydedilmiştir. Eğer hâdise memleket dahilinde ise icap eden umumî karakteri de ilâve edilmiştir. Kayıtlar Galitzin sistemi sismoğrafından alınmıştır. Eğer diğer aletlerden alınmış ise mülâhazat hanesinde ayrıca gösterilmiştir.

## Sismoloji rasatları — (Observations sismologiques)

Aletin sistemi (Système du sèismographe): Galitzin

| Tarih<br>Date        | Safhalar<br>Phases                                                                                      | Zamanlar<br>h. m. Sec                                            | N—S<br>Mürekkebe-<br>sinde<br>Period<br>Sec | A <sub>N</sub><br>mm. | A <sub>E</sub><br>mm. | A <sub>Z</sub><br>mm. | Δ<br>km. | MÜLÂHAZAT<br>Remarques |
|----------------------|---------------------------------------------------------------------------------------------------------|------------------------------------------------------------------|---------------------------------------------|-----------------------|-----------------------|-----------------------|----------|------------------------|
| II. kânun<br>Janvier |                                                                                                         |                                                                  |                                             |                       |                       |                       |          |                        |
| 8                    | e                                                                                                       | 18.22.—                                                          |                                             |                       |                       |                       |          | Çok hafif, traces      |
| 14                   | P <sub>n</sub><br>PR <sub>2</sub><br>S <sub>n</sub><br>F                                                | 16.32.26<br>35.36<br>40.31<br>17.02.—                            |                                             |                       |                       |                       | 4850     |                        |
| 14                   | e P <sub>n</sub><br>R <sub>s</sub> P<br>R <sub>s</sub> S<br>F                                           | 17.13.41<br>14.31<br>15.14<br>17.30.—                            | 10.                                         | 74                    | —                     | 176                   | 870      |                        |
| 20                   | e P <sub>n</sub><br>S<br>R <sub>s</sub> S<br>F                                                          | 4.30.45<br>32.02<br>32.11<br>4.47.—                              | 7                                           | 47                    | —                     | 102                   | 520      |                        |
| 20                   | e P <sub>n</sub><br>e S <sub>n</sub><br>SR <sub>1</sub><br>e L<br>M <sub>1</sub><br>M <sub>2</sub><br>F | 10.09.17<br>13.17<br>14.12<br>14.47<br>16.42<br>19.47<br>10.31.— | 7<br>6                                      | 12<br>8               | —<br>—                | 21<br>18              | 2100     |                        |
| 20                   | i P <sub>n</sub><br>PR <sub>1</sub><br>PR <sub>2</sub><br>S <sub>n</sub><br>P S<br>F                    | 19.09.18<br>12.28<br>14.18<br>20.08<br>20.53<br>20.27.—          | 28.                                         | 7                     | —                     | 5                     | 9940     |                        |
| 23                   | P<br>S<br>R <sub>s</sub> S<br>F                                                                         | 16.44.09<br>45.09<br>45.35<br>16.55.—                            | 8                                           | 39                    | —                     | 61                    | 430      |                        |
| 29                   | e P<br>e S<br>F                                                                                         | 17.58.33<br>59.23<br>18.09.—                                     | 10                                          | 38                    | —                     | 11                    | 440      |                        |

| Tarih<br>Date         | Safhalar<br>Ph ses            | Zamanlar<br>h m. Sec | N — S<br>Mürekkebi-<br>sinde<br>Period<br>Sec | A <sub>N</sub><br>mm. | A <sub>E</sub><br>mm. | A <sub>Z</sub><br>mm. | Δ<br>km. | MÜLÂHAZAT<br>Remarques |
|-----------------------|-------------------------------|----------------------|-----------------------------------------------|-----------------------|-----------------------|-----------------------|----------|------------------------|
| Subat<br>Février<br>2 | $\overline{P}$                | 18.12.37             |                                               |                       |                       |                       | 240      |                        |
|                       | $\overline{S}$                | 13.04                |                                               |                       |                       |                       |          |                        |
|                       | R <sub>s</sub> $\overline{S}$ | 13.18                | 10                                            | 46                    | —                     | 76                    |          |                        |
|                       | F                             | 18.32.—              |                                               |                       |                       |                       |          |                        |
| 15                    | P <sub>n</sub>                | 15.01.00             |                                               |                       |                       |                       | 10200    |                        |
|                       | P R <sub>1</sub>              | 04.00                |                                               |                       |                       |                       |          |                        |
|                       | P R <sub>2</sub>              | 05.50                |                                               |                       |                       |                       |          |                        |
|                       | S <sub>n</sub>                | 12.10                |                                               |                       |                       |                       |          |                        |
|                       | P P S                         | 14.00                |                                               |                       |                       |                       |          |                        |
|                       | e L                           | 42.25                | 25                                            | 31                    | —                     | 19                    |          |                        |
|                       | F                             | 16.52.—              |                                               |                       |                       |                       |          |                        |
| 22                    | P <sub>n</sub>                | 17.51.44             |                                               |                       |                       |                       |          |                        |
|                       | P'                            | 55.34                |                                               |                       |                       |                       |          |                        |
|                       | P R <sub>1</sub>              | 56.41                |                                               |                       |                       |                       |          |                        |
|                       | S <sub>n</sub>                | 18.02.54             |                                               |                       |                       |                       |          |                        |
|                       | P P S                         | 05.46                |                                               |                       |                       |                       |          |                        |
|                       | e L                           | 43.—                 |                                               |                       |                       |                       |          |                        |
|                       | i M <sub>1</sub>              | 51.04                |                                               |                       |                       |                       |          |                        |
|                       | i M <sub>2</sub>              | 54.41                |                                               |                       |                       |                       |          |                        |
|                       | F                             | 20.08.—              |                                               |                       |                       |                       |          |                        |
| 29                    | e                             | 11.07.40             |                                               |                       |                       |                       |          |                        |
|                       | F                             | 19.—                 |                                               |                       |                       |                       |          |                        |

| Tarih<br>Date              | Safhalar<br>Phases      | Zamanları<br>h,m, Sec | N—S<br>Mürekkebe-<br>sinde<br>Period<br>Sec | A <sub>N</sub><br>mm. | A <sub>E</sub><br>mm. | A <sub>Z</sub><br>mm. | Δ<br>km. | MÜLÂHAZAT<br>Remarques |
|----------------------------|-------------------------|-----------------------|---------------------------------------------|-----------------------|-----------------------|-----------------------|----------|------------------------|
| <b>Mart</b><br><i>Mars</i> | <b>i P<sub>n</sub></b>  | 13.34.31              |                                             |                       |                       |                       | 11.800   |                        |
| <b>1</b>                   | <b>P R<sub>2</sub></b>  | 41.39                 |                                             |                       |                       |                       |          |                        |
|                            | <b>S R<sub>1</sub></b>  | 52.54                 |                                             |                       |                       |                       |          |                        |
|                            | <b>e L</b>              | 14.10.29              |                                             |                       |                       |                       |          |                        |
|                            | <b>i M</b>              | 26.04                 | 16                                          | 19                    | 28                    | 17                    |          |                        |
|                            | <b>F</b>                | 15.52.—               |                                             |                       |                       |                       |          |                        |
| <b>25</b>                  | <b>P<sub>n</sub></b>    | 11.06.42              |                                             |                       |                       |                       | 4.150    |                        |
|                            | <b>P R<sub>2</sub></b>  | 08.17                 |                                             |                       |                       |                       |          |                        |
|                            | <b>S<sub>n</sub></b>    | 12.52                 |                                             |                       |                       |                       |          |                        |
|                            | <b>e L</b>              | 23.23                 |                                             |                       |                       |                       |          |                        |
|                            | <b>i M</b>              | 26.57                 |                                             |                       |                       |                       |          |                        |
|                            | <b>F</b>                | —                     | 14                                          | 15                    | 13                    | 34                    |          |                        |
| <b>26</b>                  | <b>e</b>                | 5.10.12               |                                             |                       |                       |                       |          |                        |
|                            | <b>i M</b>              | 11.42                 | 11                                          | 23                    | 13                    | 12                    |          |                        |
|                            | <b>F</b>                | 5.24.—                |                                             |                       |                       |                       |          |                        |
| <b>29</b>                  | <b>P̄</b>               | 23.30.02              |                                             |                       |                       |                       | 320      |                        |
|                            | <b>S̄</b>               | 30.37                 |                                             |                       |                       |                       |          |                        |
|                            | <b>R<sub>1</sub> S̄</b> | 30.50                 | 5                                           | 29                    | —                     | 52                    |          |                        |
|                            | <b>F</b>                | 23.42.—               |                                             |                       |                       |                       |          |                        |

## IV — Miknatisi arzî rasatları

Osman Sipahioğlu

Mukayyit aletlerimiz henüz tedarik edilmemiş olduğundan şimdilik miknatisi tahavvülâtı her gün bir inhiraf rasadı ve her hafta bir tam rasat yapmak suretile zeptetmekteyiz. Her hafta yapılan tam rasadın dördünden yalnız biri mutlak diğerleri izafidir. Rasat zamanı 14-15 saatleri arasındır.

**Aletler:** Miknatisi teodolit ve meyil pusulasıdır. Her iki alet te Paristeki Chasselon İmalâthesinin Brunner sistemi orta model aletlerindendir. Teodolitın numarası 103 pusulanın numarası 102 dir.

**Sabitleri :**

$$\log C = \log M + \log \left(1 + \frac{a}{R^2}\right) = 9.63768 \quad (\times) \text{ işaretli çubuğun; } + 20 \text{ derececi hararette.}$$

$\log C$  Paris Fizikiarzî Enstitüsünce tayin edilmiştir. Aletler Rasathaneye gelince  $1 + \frac{a}{R^2}$  Manyetometrik emsali tayin olunarak  $\log M$  in kıymeti elde edilmiş ve buna, istenen takribiyet derecesi icabı, daima sabit nazariye bakılarak Manyetometrik emsal zaman zaman tayin edilmekte bulunmuştur.

**İnhiraf rasadı:** Miknatisi çubuğu özengisi ile beraber talik kovani dahilinde çevirmek suretile husule gelen iki vaziyetin şimal ve cenup uçlarına ait olmak üzere ikişer tehdifle dört kıraat yapılarak vasatısı alınmıştır.

**Mürekkibei ufkiye rasadı:** a) **Mutlak tayın:** H mürekkebei ufkiyesinin tayini mutlakı için malûm olan

$$\log H = \log C + \log t + \frac{1}{3} \log \sin \delta + \frac{1}{2} \log \left(1 + \frac{a}{R^2}\right)$$

düsturu kullanılmıştır.

$$\frac{a}{R^2} = \frac{\left(\frac{R}{R'}\right)^3 \frac{\sin \delta}{\sin \delta'} - 1}{1 - \left(\frac{R}{R'}\right)^3 \left(\frac{R}{R'}\right)^2 \frac{\sin \delta}{\sin \delta'}}$$

dir.  $R, R'$  malûm mesafeler ve  $\delta, \delta'$  bunlara ait udullerdir.  $t$  küçük vüs'atı raksa irca edilmiş rakısı basit müddeti.

b) **İzafî tayın:**

$$H = H' \frac{t^2}{t'^2} [1 + (\alpha + \beta)] \Delta \Theta$$

düsterile hesap edilmektedir.

$t', H'$  tayini mutlakla bulunan mürekkebei ufkiye ve müddeti rakısı,

t, H tayini izafî ile bulunacak mürekkebei ufkiye ve müddeti rakıs,

$\alpha$  derecei hararetin vezniyeti mıknatisiye sebeble H a tesir emsali,

$\beta$  derecei hararetin vezniyeti atalet sebeble H a tesir emsali,

$\Theta - 15^\circ = \Delta \Theta$ ;  $15^\circ$  reper derecei hararet,  $\Theta$  izafî rasat zamanının derecei harareti,

$\alpha + \beta = 0,00026$        $\beta = 0,000013$        $\alpha = 0,00025$  dir.

Vezniyeti mıknatisiyenin zaman ile olan tahavvülü tashihine ise lüzum görülmemiştir.

**Meyil rasadı:** Alelusul aletin iki mütekabil vaziyetlerinde ibrenin kutupları değışti-rilmek suretile yapılan sekiz kiraatin vasatısı alınarak tayin edilmiştir.

**Mahalli rasat:** Kandilli Rasathanesi, hususi mıknatis ravakları dahilindeki mesnetler; teodolit mesnedinin vaziyeti coğrafiyesi şunlardır :

Arz =  $41^b \cdot 03' \cdot 53''$       Tul =  $1^b \cdot 56' \cdot 15'',7$       Rakım = 130 metre

\* \* \*

Gerek teodolit ve gerek pusulaya ait bütün rasatlarda ( $\times$ ) işaretli ibreler kullanılmıştır.

Torsiyon tesiri, tayin mutlakta derecei hararet tahavvülünün tesiri dördüncü âşara hata vermiyeceğinden terkedilmiştir. Ve arzın mıknatisi tesir tashihi yapılmamıştır.

Cetvelleri izaha hacet yoktur. İnhiraf miktarlarında ufki çizgi doldurulan hanelerin gününde rasat yapılmamıştır.

## Déterminations magnétiques

L'observatoire n'étant pas encore muni des appareils enregistreurs on est obligé de suivre les variations des éléments magnétiques par les mesures directes répétées une fois par jour pour la déclinaison et une fois par semaine pour l'inclinaison et pour la composante horizontale; l'une des chaque quatres valeurs de H étant déterminées par l'observation absolue.

Le lieu d'observation est le pavillon magnétique de l'observatoire dont le plier fixe a comme coordonnées:

Latitude =  $41^b \cdot 03' \cdot 53''$   
Longitude =  $1^b \cdot 56' \cdot 15'',7$   
Altitude = 130 mètres

Les observations ont été faites entre 14-15 heures et avec le barreau et l'aiguille ( $\times$ ).

Les instruments employés sont le théodolite magnétique et la boussole d'inclinaison de Chasselon-Brunner, tous les deux étant du modèle moyen et ayant comme constantes:

$\log C = \log M + \log \left(1 + \frac{a}{R_z}\right) = 9.63768$  Barreau ( $\times$ ); Température + 20.

$\log C$  avait été déterminé à l'Institut de Physique du globe de Paris. Lors de l'arrivée des appareils à l'observatoire, en déterminant le coefficient magnétométrique  $1 + \frac{a}{R_z}$ , nous avons obtenu, del'égalité ci-dessus, la valeur, considérée comme constante, de  $\log M$ ; et au cours de nos observations, la détermination du coefficient magnétométrique fût faite chaque fois que l'on en a eu besoin.

**Déclinaison:** Dans quelques cas les mesures ont été faites avec les deux barreaux.

**Inclinaison:** Les observations ont été toujours comportées tous les retournements d'usage y compris le renversement des pôles de l'aiguille.

**Composante horizontale:** Pour calculer la valeur absolue de H on a employé la formule:

$$\log H = \log t + \colog t + \frac{1}{2} \colog \sin \delta + \frac{1}{2} \log \left( 1 + \frac{a}{R^2} \right),$$

$\frac{a}{R^2}$  étant déterminé par

$$\frac{a}{R^2} = \frac{\left( \frac{R}{R'} \right)^3 \frac{\sin \delta}{\sin \delta'} - 1}{1 - \left( \frac{R}{R'} \right)^3 \left( \frac{R}{R'} \right)^2 \frac{\sin \delta}{\sin \delta'}};$$

et la valeur relative a été déduite par:

$$H = H' \frac{t^2}{t'^2} [1 + (\alpha + \beta)] \Delta \Theta.$$

$$(\alpha = 0,00025 \quad \beta = 0,000013)$$

Le coefficient de température  $\alpha$  a été déterminé à l'observatoire par la méthode de déviation.

**Corrections:** L'aplitude d'oscillation employée étant supérieure à l'écartement des fils extrêmes du reticule du microscope ou a en à appliquer la correction due à l'aplitude; et toutes les valeurs trouvée de (t) ont été ramenées à la température de 15° prise comme température de comparaison.

Les erreurs dues à la torsion du fil de suspension et à la variation provenue du changement de température, des dimensions du barreau et de la longueur R, ne dépassaient guère, pour  $H=0,25$ , le cinquième décimal. Dans ces conditions on n'a pas eu à appliquer de correction.

On n'a pas fait la correction d'induction.

| Günler<br>Dates | İnhirai (şarkı doğru)<br>Déclina son (vers l'Est) |                  |              | Günler<br>Dates      | Meyil     | Ufkî<br>mürekkebe | Şakulî<br>mürekkebe |
|-----------------|---------------------------------------------------|------------------|--------------|----------------------|-----------|-------------------|---------------------|
|                 | 2ci kânun<br>Janvier                              | Şubat<br>Février | Mart<br>Mars | 2ci kânun<br>Janvier | I         | H                 | Z                   |
| 1               | —                                                 | —                | —            | 3                    | 56°.18',8 | 0,2531            | 0,3797 (Mut)        |
| 2               | 54',1                                             | —                | 59',4        | 7                    | 56°.26',5 | 0,2531            | 0,3815 (Mut)        |
| 3               | 57',1                                             | 56',7            | —            | 18                   | 56°.31',3 | 0,2583            | 0,3906              |
| 4               | —                                                 | 56',4            | —            | 30                   | 56°.26',1 | 0,2536            | 0,3822              |
| 5               | —                                                 | 1°.00',8         | —            | Şubat<br>Février     |           |                   |                     |
| 6               | —                                                 | 56',2            | —            |                      |           |                   |                     |
| 7               | 54',4                                             | 1°.03',1         | —            | 10                   | 56°.17',2 | 0,2540            | 0,3798 (Mut)        |
| 8               | 57',8                                             | —                | —            | Mart<br>Mars         |           |                   |                     |
| 9               | 59',0                                             | —                | 1°.01',7     |                      |           |                   |                     |
| 10              | —                                                 | 58',1            | 1.04',9      | 2                    | 56°.19',9 | 0,2527            | 0,3794              |
| 11              | —                                                 | 59',7            | 1°.01',7     | 23                   | 59°.29',6 | 0,2549            | 0,3849              |
| 12              | —                                                 | —                | —            | 30                   | 56°.34',4 | 0,2526            | 0,2827              |
| 13              | —                                                 | 58',7            | 1°.07',8     |                      |           |                   |                     |
| 14              | —                                                 | 58',9            | —            |                      |           |                   |                     |
| 15              | —                                                 | —                | —            |                      |           |                   |                     |
| 16              | 57',1                                             | —                | 1°.03',1     |                      |           |                   |                     |
| 17              | 56',1                                             | —                | 1°.00',1     |                      |           |                   |                     |
| 18              | 56',0                                             | —                | —            |                      |           |                   |                     |
| 19              | —                                                 | 1°.04',9         | 1°.02',9     |                      |           |                   |                     |
| 20              | 1°.00',9                                          | —                | 1°.05',8     |                      |           |                   |                     |
| 21              | 1°.06',4                                          | —                | —            |                      |           |                   |                     |
| 22              | 1°.01',6                                          | —                | —            |                      |           |                   |                     |
| 23              | 1°.02',4                                          | —                | 58',0        |                      |           |                   |                     |
| 24              | 1°.02',8                                          | 1°.08',0         | 1°.00',6     |                      |           |                   |                     |
| 25              | —                                                 | —                | 59',9        |                      |           |                   |                     |
| 26              | —                                                 | —                | —            |                      |           |                   |                     |
| 27              | 1°.04',9                                          | —                | 59',2        |                      |           |                   |                     |
| 28              | 1°.01',6                                          | —                | 1°.03',1     |                      |           |                   |                     |
| 29              | —                                                 | —                | —            |                      |           |                   |                     |
| 30              | 1°.02',6                                          | —                | 57',4        |                      |           |                   |                     |
| 31              | —                                                 | —                | 56',5        |                      |           |                   |                     |



